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Will H. Tracy Esq.



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1913  
**SMUZZY BROTHERS**

SEEDS  
AND  
IMPLEMENT

62.57

136 MAIN STREET PATERSON, N. J.

ESTABLISHED 1835

# SPECIAL NOTICE

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WE make a specialty of supplying the best strains of seeds that can be produced. We are always on the alert for a better strain, and if we find it we spare no expense in securing seed stock of it.

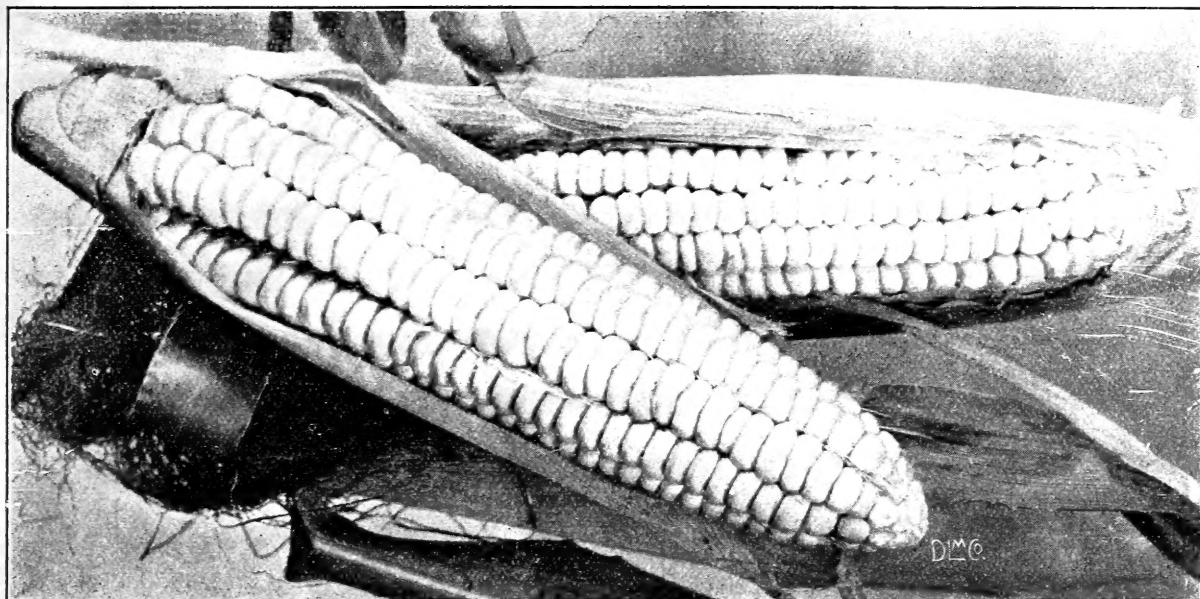
We handle absolutely nothing that we do not believe to be the best obtainable. We do not claim to compete in prices with irresponsible parties, whose sole effort is to secure the lowest priced seeds, regardless of quality; such seeds are not cheap, but dear at any price. The first cost of seeds is insignificant, compared with time and labor that must be expended upon a growing crop. Quality is our first consideration, and the prices we offer are as low as first-class seeds can be sold for. We buy direct from the grower and from the locality best adapted for raising all of the different varieties.

**TERMS OF GUARANTEE:-** The seeds offered in this catalogue have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first class in every respect, but we cannot guarantee the crop as too many conditions enter into it, therefore we give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once, and if the money has been paid for them it will be refunded.

MUZZY BROS.

Muzzy Brothers  
NOVELTIES AND SPECIALTIES  
FOR 1913

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#### **EXTRA EARLY MAYFLOWER CORN**

Extra Early Mayflower Sweet Corn is the earliest of all the Extra Early Sweet Corn: has a large 8 or 10 rowed ear, well filled from tip to butt of the ear with large luscious kernels: in point of productiveness outyield two to one any of the Extra Early varieties. For the market gardeners this is one of the most valuable novelties placed on the market in many years. Price 10 cts. Package, 30 cts. Pt. 50 cts. Qt.

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#### **CUCUMBER...“PERFECTION RIDGE”**

(OUR OWN RAISING.)

This, as will be seen by the accompanying illustration, is a greatly improved ridge variety. It has been obtained by crossing Japanese Pole with Telegraph, and fortunately it inherits most of the good qualities of both parents. It is vigorous in growth, free in setting, and has the flavor of the Telegraph Cucumber. The fruits are a pleasing green, moderately spined and handsome in shape, and vary from 12 to 15 inches in length. They are produced with the freedom characteristic of the Japanese Polo Cucumber, but have the length and symmetry of the Telegraph.

Price 15c Pkg.





## NASTURTIUM

**Nasturtium:** (Spencer, David Burpee) New. One of our this years novelties which we can strongly recommend. Its very peculiar wavy emerald green foliage is different from any known variety, (something like the flowers of Germania pansies). The plants grow very compact, and the fine velvety, purple scarlet flowers borne on long steels come out extremely workingly upon the magnificent foliage. For bordering purposes the most magnificent sort. From seed comes so to say, fully true. Very recommendable.

PRICE 10 cts. PACKAGE

## PANSY

**Pansy.** English, Finest, First Quality, Extra, exceedingly fine mixture of colors, not only containing the so-called faced variety, but completed by self-colored ones, as black, white, yellow, etc., giving on a whole a remarkably fine display of colors.

PRICE 10 cts. PACKAGE

**Nasturtium:** We have imported direct from Holland some new varieties of Nasturtium, both tall and dwarf, in the separate colors, and ivy leaved varieties.

**Ivy Leaved:** Dark Leaved, Fiery scarlet, lacinated flowers. (Tall) Price 25 cts. an oz., 10 cts. a package.

**Queen:** A new mixed variety, containing several new hybrids of the Queen Type, of about 6 or 7 new colors. (Tall) Price 25 cts. oz., 10 cts. package.

**Empress of India:** Brilliant, Dark Scarlet, of Dwarfish growth, extra dark leaved, 5 cts. package.

*Hill H. Tracy Jr.*

# MUZZY BROTHERS ANNUAL SEED CATALOGUE FOR 1913

## PRICES SUBJECT TO CHANGE.

Muzzy Brothers give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

### ARTICHOKE

German, Artichoke; French, Artichaut; Spanish, Albachofa.

Per oz.  $\frac{1}{4}$  lb. Per lb.

<b>French Globe</b> . . . . .	\$0 30	\$0 85	\$3 00
The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.			
<b>Jerusalem Artichoke, Tubers</b> . . . . . qt. 25cts.			

### ASPARAGUS

German, Spargel; French, Asperge; Spanish, Esparrago.

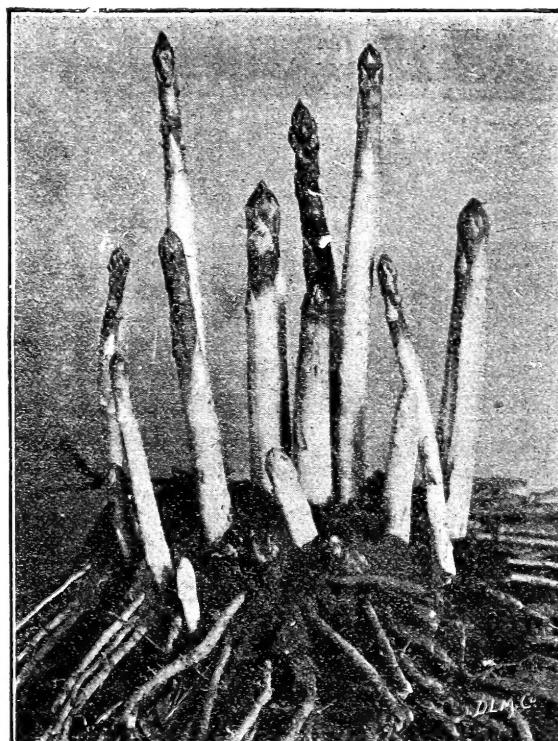
Per oz.  $\frac{1}{4}$  lb. Per lb.

<b>Columbia</b> , producing pure white shoots	\$ 10	\$ 0 25	\$ 0 75
<b>Conover's Colossal</b> . . .	10	20	50
<b>Palmetto</b> , a light green variety . . . . .	10	20	50
	Per 100	Per 1000	
<b>Roots Colossal</b> , 2 yrs.	\$ 0 90	\$ 6 00	
" <b>Palmetto</b> , 2 yrs.	90	6 00	
" <b>Columbia</b> , 2 yrs.	90	6 00	
" <b>Argentieul</b> , 2 yrs.	90	6 00	

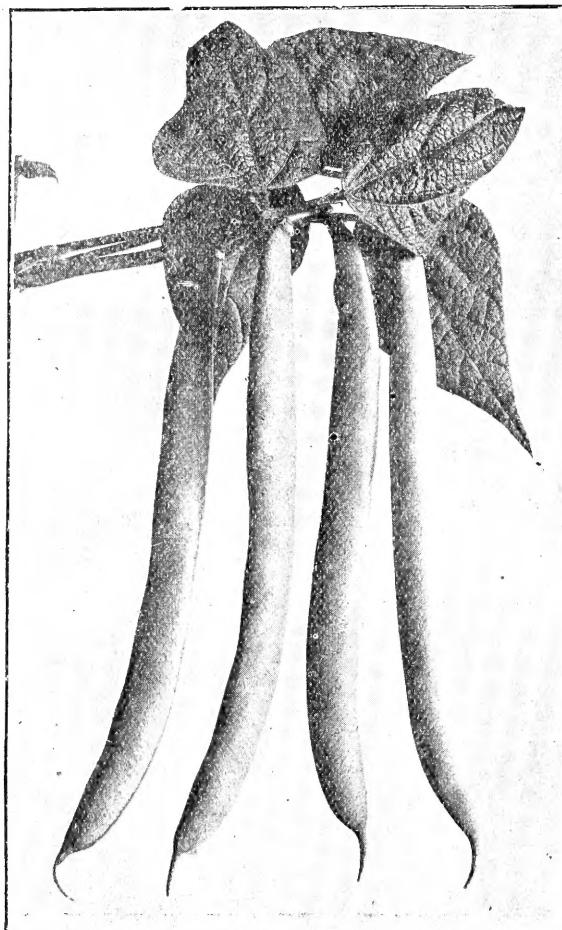
Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of Corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use; set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale, set four feet apart one way and two the other which will allow the use of a horse and cultivator to keep the weeds under.



ASPARAGUS.



BLACK VALENTINE.

**BEANS**

German, Gartenbohne; French, Feve de Marais; Spanish, Hava.

**English or Broad.**

	Per pt.	Per qt.
Broad Windsor.....	\$0 15	\$0 30
Sword Long Pod.....	15	30

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart, and two inches deep in drills four feet apart. To insure well filled pods, pinch off the tops as the lower pods begin to set.

**Dwarf Green Podded Snap Beans.**

	Per qt.	½ pk.	pk.	bu.
Valentine Black, long round, green, solid pod, very early.....	\$0 30	\$0 85	\$1 50	\$5 00

Valentine, Giant Stringless, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder .....	30	1 00	1 75	6 00
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Valentine, Early. Productive, tender and of excellent flavor. ....	25	85	1 50	5 00
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Livingstone's Round Pod. Six Weeks Bean. ....	30	85	1 50	5 00
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Muzzy's Stringless Green Pod, the best stringless bean grown. Ten days to two weeks earlier than the Valentine; pods full and fleshy, ....	30	1 00	1 75	6 00
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extremely crisp and absolutely stringless. Very productive .....	30	1 00	1 75	6 00
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Early Mohawk, very productive and of good quality. ....	25	85	1 50	5 00
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Long Yellow Six-Weeks, early, excellent variety for general crop....	25	85	1 50	5 00
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Fulmers Forcing, fine dwarf forcing variety.....	1-2 pt.			50
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Extra Early Refugee, similar to late Refugee, pods two weeks earlier....	25	85	1 50	5 00
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Refugee or Thousand to One, very early and prolific. The pods are round and full, stringless and of fine quality. ....	25	85	1 50	5 00
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Eurpee's Bush Lima, beans are large as Large Pole Lima, stout growth, branches vigorously, bearing 50 to 1200 large pods well filled with very large beans.....	35	1 25	2 00	7 00
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Burpee's Improved Bush Lima, an improved strain of B. B. L., much larger pods and beans, enormously productive, extra early .....	50	1 65	2 75	10 00
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Long White Kidney, excellent as a shell bean, green or ripe.....	25	85	1 50	5 50
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Fordhook Bush Lima.....	50	1 65	2 75	10 00
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White Marrowfat grown for sale in the dry state. ....	25	85	1 25	4 50
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Golden Refugee, pods round and light color.....	30	1 00	1 75	6 00
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**Dwarf Wax Varieties.**

Refugee Wax, Stringless, good for early or late, immense yielder....	30	1 00	1 75	6 00
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Golden Eyed Wax, very early, prolific, free from rust. ....	30	1 00	1 75	6 50
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Round Pod Kidney Wax, same as Wardell's, only round pod.....	35	1 25	2 00	7 00
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Wardell's Kidney Wax, extra early, long flat pods, very productive....	30	1 00	1 75	6 00
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Black Wax or Butter Improved, very early and prolific. The pods are round, full, stringless; of very fine quality....	30	1 00	1 75	6 00
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Davis' White Wax, beans pure white pods, yellow, flat, tender, rich....	30	1 00	1 75	6 00
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Golden Wax. This valuable variety is about ten days earlier than the Black Wax, pods large, long semi-round, brittle, stringless .....	30	1 00	1 75	6 50
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Yosemite Mammoth Wax, the largest pods of all wax varieties .....	35	1 25	2 25	8 00
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## BEANS—Dwarf Wax Varieties, Continued.

	Per qt.	$\frac{1}{2}$ pk.	pk.	bu.
<b>Hudson Wax</b> , very large, tender, pods stringless, very productive....	\$0 30	\$1 25	\$2 00	\$7 00
<b>White Wax</b> , stringless, round pods, beans pure white, strong grower	50			

## BEANS, Pole or Running Varieties.

<b>Challenger Lima</b> . Potato variety, five and six a pod .....	30	1 00	2 00	7 50
<b>King of Garden Lima</b> . Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size, Generally grown for main crop.....	30	1 00	2 00	7 00
<b>New Early Jersey</b> . Very early.....	30	1 00	2 00	7 50
<b>Large White Lima</b> . A greatly esteemed variety.....	30	1 00	2 00	7 50
<b>Kentucky Wonder, or Old Homestead Extra Early</b> . Pods long tender and good flavor, very productive.....	30	1 10	1 90	6 50
<b>New Lazy Wife</b> . Long green pods, good quality, white beans.....	35	1 25	2 00	7 00
<b>Dutch Case Knife</b> . A very productive variety, one of the earliest....	30	1 00	1 75	6 00
<b>Horticultural or Speckled Cranberry</b> . A popular variety for private use, equally serviceable in the green state or when shelled.....	35	1 25	2 00	7 00
<b>Scarlet Runner</b> . Beautiful scarlet flowers; for ornamental and table use. ....	30			
<b>Black Wax</b> . Pods long thick and fleshy, pale yellow color, waxy appearance, very productive and tender, excellent as a snap or shell-ed green. ....	35	1 25	2 00	7 50
<b>Early Golden Cluster</b> . Bright yellow pods, strigless, in clusters .....	45	1 50	2 50	9 00
<b>Yard Long, French</b> . Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem, should be grown on pea brush. Pkg. 10 cents. Very scarce.				

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart in the drill; cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

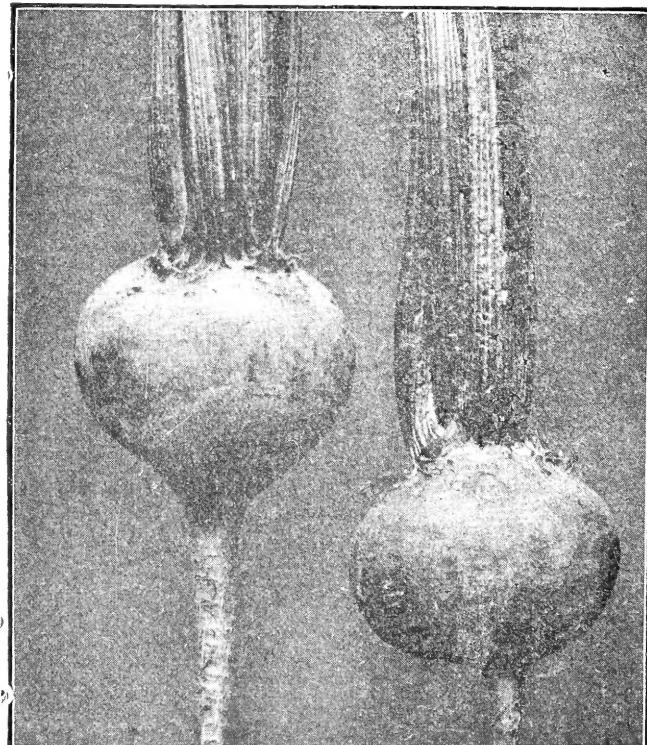
A quart of Limas is sufficient for 75 or 80 hills, and a quart of Bush Beans will sow a row 100 long.

## BEETS

German, Runkelrub; French, Bourrache; Spanish, Remolacha.

**Detroit Dark Red**. A splendid beet for market or home use, of a deep color, tender and of delicate flavor. Per oz. 15c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.50.

**Dark Red Egyptian Crosby's**. The earliest beet in cultivation, color deep crimson; of excellent quality. Per oz. 15c,  $\frac{1}{4}$  lb. 40c, 1 lb. \$1.50.



DETROIT DARK RED BEET.

	Per oz.	$\frac{1}{4}$ lb.	Per lb.
<b>Extra Early Eclipse</b> . Very early good size.....	15	40	1 50
<b>Early Flat Bassano</b> . Chiefly valuable for its earliness. . .	15	40	1 50
<b>Early Blood Turnip</b> . Standard early sort, an excellent.....	15	40	1 50
<b>Edmands</b> . Market garden variety, uniform shape, dark .....	15	40	1 50
<b>Dewings Blood Turnip</b> . Of fine form and flavor. . .	15	40	1 50
<b>Long Smooth Blood Red</b> . An excellent late variety. . .	10	30	80
<b>Swiss Chard</b> . Used for its leaves, which are cooked as spinach....	10	30	1 00

**BEETS—Continued.****MANGEL-WURZEL AND SUGAR.**

Varieties used for feeding stock. Sow 6 lbs. per acre.

		Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Mammoth Red Mangel-Wurzel.</b>	Producing roots of mammoth size, very regular, and with a small top. 10 lbs. and over 25c lb. ....	\$0 10	\$0 15	\$0 50
<b>Yellow Globe Mangel-Wurzel.</b>	Roots very large and globular. 10 lbs. 25c lb. ....	10	15	50
<b>Long Yellow Mangel-Wurzel.</b>	Good for general crop. 10 lbs. 25c lb. ....	10	15	50
<b>Golden Tankard Mangel-Wurzel.</b>	A new and very valuable variety of fine form and sweet flavor, bright yellow in color, when cut it shows interior ring, similar to most varieties of garden beet. 10 lbs. 30c lb. ....	10	15	50
<b>White Silesian Sugar Beet.</b>	Extensively grown for feeding stock and manufacture of sugar ....	10	20	60
<b>Vilmorin's Improved Sugar Beet.</b>	An improved variety ....	10	20	60
<b>Lane's Improved Sugar Beet.</b>	Improved variety of the French Sugar Beet, obtained by careful selection in this country. 10 lb. 25c lb. ....	10	20	60

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

**BORAGE**

German, Borritch; French, Bourrache; Spanish, Berraja.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Borage,</b> used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower. ....	\$0 10	\$0 30	\$0 90

**BROCCOLI**

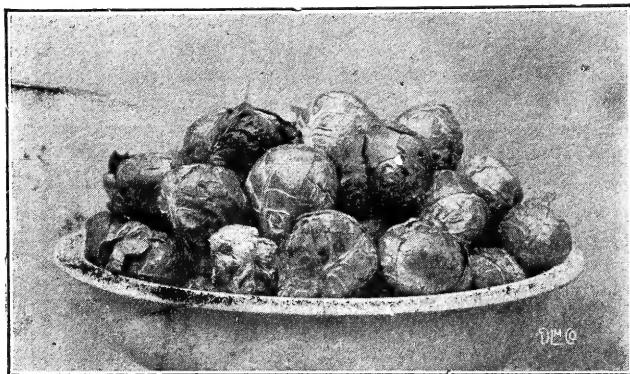
German, Spragel Kohl; French, Chou Brocoli; Spanish, Broculi.

	Per oz.	$\frac{1}{2}$ lb.	lb.
<b>Early White,</b> heads medium size, compact, creamy white color, most certain to head ....	\$0 25	\$0 75	\$2 50
<b>Purple Cape,</b> differing from the preceding color, greenish purple....	35	1 15	4 00
<b>White Cape.</b> ....	40	1 25	4 00
<b>Mammoth White</b> ....	35	1 00	3 50

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May, and transplanted in June; farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

**BRUSSELS SPROUTS**

German, Sprossen-Kohl; French, Chou de Bruxells; Spanish, Breza de Brussels.



**Improved Seed,** (French) half dwarf, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

**Dalkeith Dwarf Improved,** a variety producing compact sprouts of excellent quality, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

A tender, delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

**CABBAGE**

German, Kopfkohl; French, Chou; Spanish, Berza de pepollo



DANISH BALL HEAD CABBAGE

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>All Seasons</b> , fine variety, for second early or late growing good size .....	\$0 20	\$0 60	\$2 00
<b>Early Jersey Wakefield.</b> The leading variety for market, very early of medium size, good quality, sure to head .....	30	85	3 00
<b>Early Flat Dutch.</b> This is one of the best early cabbages in cultivation .....	20	60	2 00
<b>Early Summer.</b> A valuable early sort resembling the Early Flat Dutch .....	20	60	2 00
<b>Early Winnigstadt.</b> Heads large, one of the best for general use .....	20	60	2 00
<b>Fottler's Improved Brunswick.</b> This is a very fine second early variety .....	25	75	2 25
<b>Henderson's Succession.</b> A second early or late variety, a sure header: seeds sown in March produce large heads in June .....	25	85	2 50
<b>MUZZY EXTRA AMAGAR DANISH BALL-HEAD.</b> Large, round, solid sweet and crisp, sure header .....	30	85	3 00
<b>Large Late Drumhead.</b> An excellent fall and winter variety, grows to a large size .....	25	75	2 50
<b>Large Late Flat Dutch.</b> The most popular variety for late cultivation .....	20	60	2 00
<b>Red Stone Head.</b> Used almost exclusively for picking .....	40	1 25	4 00
<b>Drumhead Savoy (American.)</b> The largest heading sort, of excellent flavor .....	25	75	2 50
<b>MUZZY IMPROVED AMAGAR DANISH ROUND HEAD.</b> Short stemmed, two weeks earlier than Ball Head .....	35	1 00	3 00

For very early use plant in the autumn from 10th to 25th, September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

**CARROT—Continued.**

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be shown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

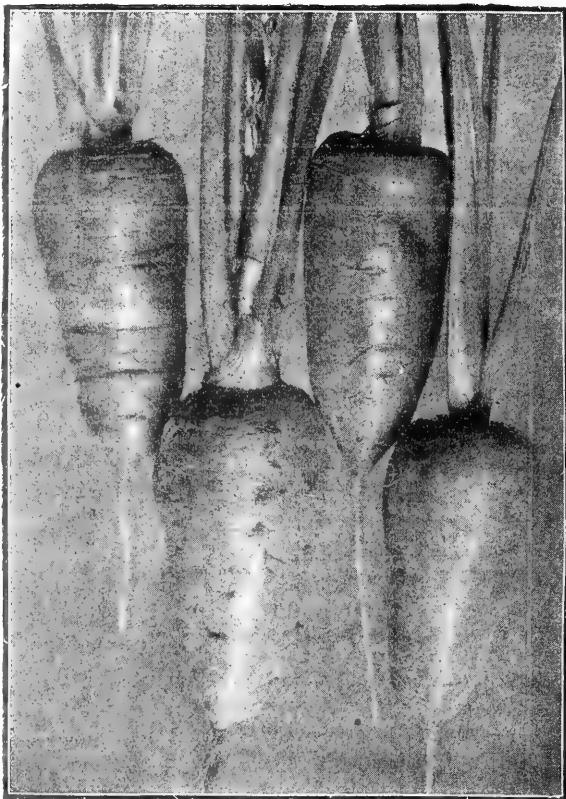
**CELERIAC****TURNIP ROOTED CELERY**

German, Knob-Celeri;  
French, Celeri Rave.

**Erfurt.** For soups, oz. 15c  
 $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**Giant Prague.** For soups etc. When sliced and cooked makes good winter salad. Oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**Apple.** Small foliage, oz  
CELERIAC. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75.

**DANVERS CARROT.****CAULIFLOWER**

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

Per pkt.	oz.	$\frac{1}{4}$ lb.	lb.
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**Extra Early Dwarf Erfurt.** Short stem; fine ..... \$0 25 \$4 00

**Extra Early Paris.** This is one of the earliest and best varieties, heads

large, white and compact, of fine quality ..... 10 60 \$2 00 \$7 00

**Early Snowball.** Admirably for forcing, very solid, pure white heads. 25 2 25

**Large Early Dwarf Erfurt.** The earliest and best of all varieties ..... 25 2 25

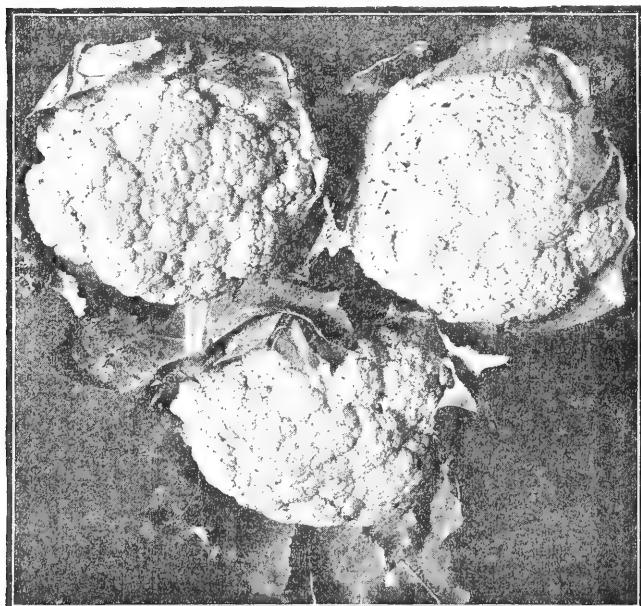
**Lenormand's Short-Stemmed.** A late variety, producing very large well-formed heads of superior quality. Pkt. 10c, oz. 50;  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

**Algiers.** Popular late variety, sure to head, excellent for market. Pkt. 10c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.00.

**Early London.** Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00.

**DENMARK.** **Special Large Late.** Very fine variety, large white compact heads, necessary that distance between plants be greater than other varieties. Pkt. 20c, oz. \$1.75.

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and trans-planting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in

**DENMARK SPECIAL LARGE.**

**CAULIFLOWER—Continued.**

the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

**CELERY**

German, Celery; French, Celerei; Spanish, Aphi.

	Per oz.	1/4 lb.	1 lb.
<b>Thorburn's Fin de Siecle</b> .....	30	85	\$3 00
<b>Rose Ribbed Self-Blanching</b> . A sort of golden-Self-Blanching; very choice	35	1 00	3 50
<b>Evans' New Triumph</b> . Solid and crisp, fine nutty flavor .....	20	60	2 00
<b>Giant Pascal</b> . Stalks very large, thick and crisp.....	20	60	2 00
<b>Golden Self-Blanching</b> . Similar to White Plume; much larger in growth.	60	2 25	8 00
<b>Large Ribbed Kalamazoo</b> . Half-dwarf White, solid. ....	20	60	2 00
<b>White Plume</b> . Requires very little banking.....	25	75	2 50
<b>Pink Plume</b> . Similar to White Plume, stalks tinged with pink, good keeper	25	75	2 50
<b>Perle Le Grande</b> . Full Golden Heart, good keeper. ....	20	60	2 00
<b>Sandringham Dwarf White, Soup Celery</b> . An imported variety of fine flavor; soup greens.....	10	30	1 00
<b>Boston Market</b> . An excellent dwarf, growing white variety .....	20	60	2 00
<b>Covent Garden Rose</b> . Pink variety, good flavor. ....	25	75	2 50
<b>Celery Seed for Flavoring</b> .....	05	10	35

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

**CHERVIL**

German, Bisenlauch; French, Cerfeuil; Spanish, Cerafolio.

	Per oz.	1/4 lb.	1 lb.
<b>Curled</b> .....	\$0 10	\$0 30	\$1 00
<b>Common or Tuberous Rooted</b> .....	10	30	85

The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.



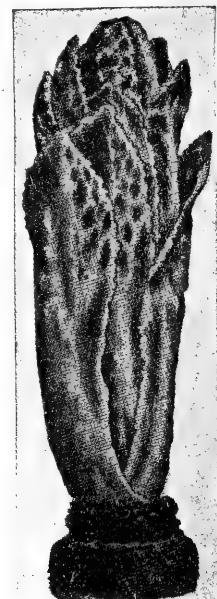
CELERY.

## CHICORY

German, Chicorie; French, Chicoree Saur; Spanish, Escarola.

Per oz.  $\frac{1}{4}$  lb. 1 lb.

<b>Common.</b> This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots of which will come up soon from the "Barbe de Capucin" . . .	\$0 20	\$0 50	\$1 50
<b>Large Rooted.</b> Used to mix with or a substitute for coffee. Cultivation same as the carrot . . . .	15	40	1 25
<b>Witloof or French Endive.</b> See endive. . . . .	20	55	1 75



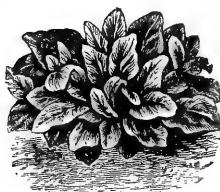
WITLOOF  
CHICORY

## CRESS

German, Kress; French, Cressen; Spanish, Mastueroz.

<b>Curled Cress or Peppergrass</b> . . . . .	10	20	50
<b>Water Cress</b> . . . . .	30	90	3 25

Are excellent for small salads; the leaves, while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as Mustard.



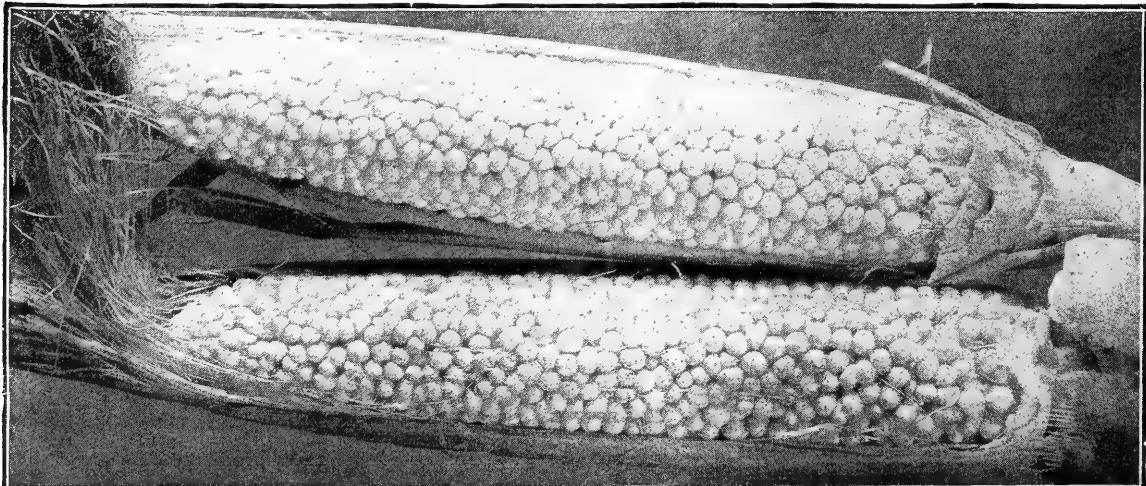
CORN SALAD

	Per oz.	$\frac{1}{4}$ lb.	1 lb.
<b>Large Seeded</b> . . . . .	10	\$0 20	\$0 60
<b>Lettuce Leaved</b> . . . . .	10	30	85
<b>Small Seeded</b> . . . . .	10	25	75

Corn Salad, Fetticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.

## CORN--Sweet

German, Zucker Welshkorn; French, Maise de Sucre; Spanish, Maiz de Azucar.



COUNTRY GENTLEMAN SWEET CORN.

## CORN—Continued.

## EXTRA EARLY VARIETIES.

	Per ear	100 ears	qt.	$\frac{1}{2}$ pk.	pk.	bu.
<b>Mayflower Extra Early.</b> Earliest of all the Extra Early sweet corn. See Novelties. Pkg. 10c, Pt. 30c, Qt. 50c.						
<b>Golden Bantum Extra Early.</b> Yellow, very sweet and tender.....				\$0 30	\$1 00	\$1 75 \$6 00
<b>Early White Cory.</b> Earliest grown, fit for use 60 days after planting. Very sweet, good, size, white cobs.....	\$0 05	\$3 50	25	75	1 25	4 00
<b>Mammoth White Cory.</b> Ears double size of the old Cory			25	75	1 25	4 50
<b>Perry's Hybrid.</b> Very early and of large size; extra early..	05	3 50	25	75	1 25	4 00
<b>Early Minnesota.</b> Very early; ears fairly sized and uniform, plants rather dwarf; one of the best early kinds; extra early.....	05	3 50	25	75	1 25	4 00

## SECOND EARLY OR INTERMEDIATE.

<b>Early Champion.</b> Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use .....	05	3 75	25	75	1 25	4 00
<b>Early Mammoth.</b> Large and not very late; general crop...	05	3 50	25	75	1 25	4 00
<b>Crosby's Early Sugar.</b> Early sorts; ears short, from 12 to 16 rows, second early.....	05	3 75	25	75	1 25	4 50
<b>Moore's Early Concord.</b> Ears large and well filled from 12 to 20 rows; second early.....	05	4 00	25	75	1 25	4 00
<b>Early Evergreen.</b> A second early variety, resembling Evergreen; general crop.....	05	3 75	25	75	1 25	4 50
<b>Stadlers Early.</b> Large and for second early.....	05	4 00	25	75	1 25	4 00
<b>Fottlers Early.</b> Excellent, medium early, large size sweet.....	05	4 00	25	75	1 25	4 00
<b>Black Mexican.</b> One of the sweetest varieties.....			25	75	1 25	4 50

## GENERAL CROP AND LATE.

<b>Stowell's Evergreen.</b> A late variety, of excellent quality, remaining longer in the green state than any other; general crop .....	05	4 00	25	75	1 25	4 00
<b>Hickox Improved.</b> A new variety of superior excellence is 12 rowed, straight and handsome; a superior market kind; general crop .....	05	4 00	25	75	1 25	4 00
<b>Mammoth Sugar.</b> A late variety of large size, very sweet and immensely productive. A leading variety,.....	05	4 00	25	75	1 25	4 00
<b>Country Gentleman.</b> The sweetest and most tender of all sweet corn, late crop.....	05	4 00	25	75	1 25	4 50
<b>Moonachi or Sugar.</b> Tender, sweet and productive; general crop .....	05	4 00	25	85	1 50	4 50
<b>Sweet Fodder.</b> For ensilage.....			20	50	80	2 50

Sweet corn may be either sown in rows, four and a half feet apart, and the seeds planted at about eight inches in rows, or planted in the hills, at distances of three or four feet each way according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or the richer the soil, the greater should be the distances apart. The first plantings in this vicinity are made about the middle of May, and successive planting every two or three weeks until the first week in July. In more southern latitudes planting is begun a month earlier and continues a month later.

## FIELD CORN.

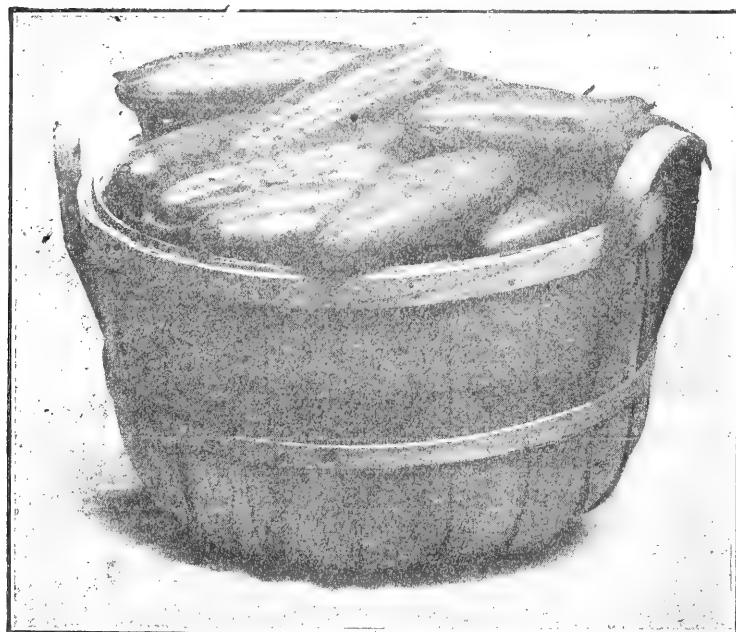
	Qt. shelled	Per 100 ear	Bush- shelled
<b>Mastodon Dent.</b> Very early strong growing.....	\$0 20	\$3 00	\$2 50
<b>Pride of the North.</b> (Dent) very early.....	20	3 00	2 25
<b>Leamings Yellow.</b> (Dent) early.....	20	3 00	2 25
<b>Champion White Pearl.</b> .....	20	2 50	2 25
<b>Early Canada.</b> Yellow kernels.....	20	2 00	2 50
<b>Large Yellow Flint.</b> .....	20	2 50	2 50
<b>Large White Flint.</b> .....	20	2 50	2 50
<b>Chester County Mammoth.</b> Large, late yellow dent.....	20	3 50	2 25
<b>Southern Horse Tooth.</b> For fodder.....		(Market price)	
<b>Sweet Fodder</b> .....	20		2.50
<b>Pop Corn</b> .....Per lb. 12c. 100 lbs. \$7.50.			

## CUCUMBERS

German, Gurken; French, Concambre; Spanish, Pepino.

**Perfection Ridge, New, Extra Long.** See Novelties. 15c Pkg.

	Per oz.	1/4 lb.	1 lb.
<b>Cumberland.</b> The best pickling sort yet introduced, very handsome and productive, flesh fine but very crisp and tender.....	\$0 15	\$0 30	\$1 00
<b>Fordhook Pickling.</b> Prolific, medium size, skin thick.....	10	25	80
<b>Davis Perfect.</b> For forcing or outdoors, long and straight, valuable for slicing.....	15	30	1 00
<b>Cool and Crisp.</b> Very prolific; good for pickling and productive .....	15	30	1 00
<b>Thorburn's Everbearing.</b> Small size; very early.....	10	25	80
<b>Japanese Climbing.</b> Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor.....	15	30	1 00
<b>Nichols Medium Green.</b> A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green fresh, tender and crisp.....	15	30	1 00
<b>Improved Early White Spine.</b> The best table variety; grows uniformly straight and smooth; dark green; and tender and excellent flavored....	15	30	1 00
<b>Peerless White Spine.</b> A new variety of the preceding; average length 10 inches; full at both ends; deep green, holding color until mature.....	15	30	1 00
<b>Tailby's Hybrid.</b> A cross between the Early White Spine and the English Frame variety, combining the hardiness of the first with the beauty and size of the latter.....	15	30	1 00
<b>Early Green Cluster.</b> A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer.....	10	25	80
<b>Early Short Green.</b> The standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well .....	10	25	80
<b>Long Green.</b> A very excellent variety; a good bearer; about a foot in length rather pointed at both ends; dark green, firm and crisp.....	15	30	1 00
<b>Green Prolific Pickling.</b> Very prolific; and said by those who have tested it equally desirable as a market Cucumber.....	15	30	1 00
<b>West Indian Cherkin or Burr.</b> A very small oval shaped prickly variety. It is grown exclusively for pickling, and should always be pickled when young and tender .....	20	50	1 50



DAVIS PERFECT CUCUMBER.

in November, December or January, according to the time they are wanted for market.

Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. **English Frame Cucumber**—Per pkt. 25c. Improved Sion House, Telegraph, Giant of Arnstadt, Duke of Edinburgh, Gen. Grant, Long Gun, Crater's Tender and True, Swan Neck, Blue Gown.

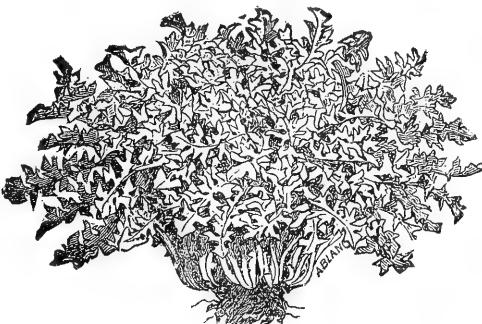
These varieties are for growing in hot-beds, or in hot-houses, particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the price are very remunerative. Sow seeds

## DANDELION

German, Pardelblume; French, Pisso en-lit; Spanish, Armagon.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Thick Leaved</b>	\$0 35	\$1 00	3 50
<b>Best French</b>	10	30	1 00
<b>Montmagny</b>	35	1 00	3 50

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.

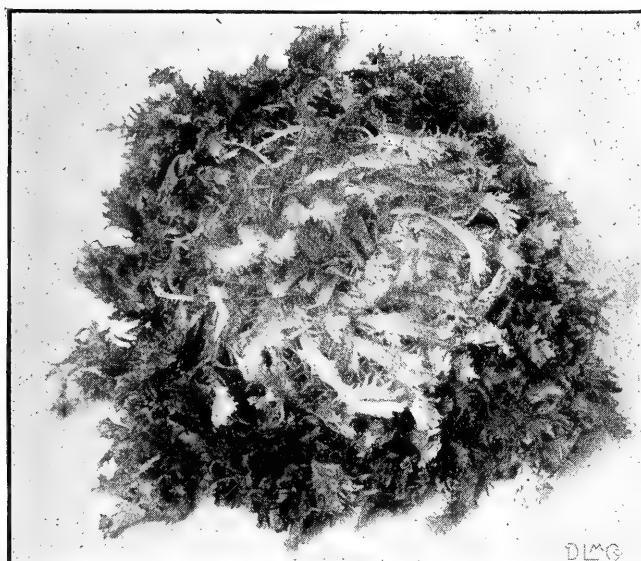


DANDELION

## ENDIVE OR CHICKORY

German, Endevien; French, Chicoree; Spanish, Endivia.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Green Curled Winter.</b> Very hardy; leaves dark green, tender and crisp-----	\$0 15	\$0 30	\$1 00
<b>Broad-Leaved Batavian.</b> (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching-----	15	30	1 00
<b>Early White Curled.</b> (Self-blanceeing), the best variety; grows to large size; very large and tender-----	25	65	2 00



ENDIVE

## EGG PLANT

German, Eier Pflanz; French, Aubergine; Spanish Bereinfiena.

	Per oz.	$\frac{1}{4}$ oz.	lb.
<b>Pearl White.</b> Very fine grain and well flavored-----	\$0 30	\$0 85	\$3 00
<b>New York Improved.</b> Superior market variety of large size and fine variety-----	40	1 25	4 00
<b>Black Beauty Tendage.</b> Earlier than New York Improved and as large, purplish black-----	40	1 25	4 50
<b>Early Dwarf Purple.</b> Medium size-----	35	1 00	3 50
<b>Black Pekin.</b> A fine variety, bearing large round, deep purple fruits, fine grain and of superior quality-----	35	1 00	3 50

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sewing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT

## KALE

**German**, Blatter-Kohl; **French**, Chou Vert; **Spanish**, Breton.

Per oz.  $\frac{1}{4}$  lb. lb.

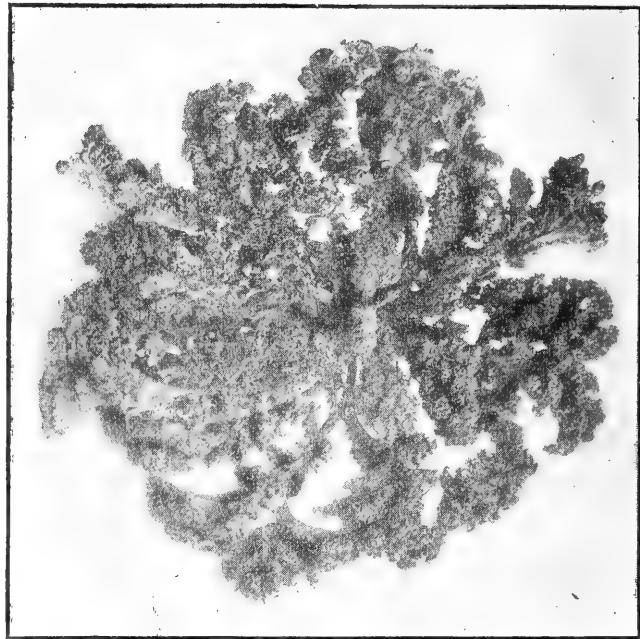
**Siberian German Green or "Sprouts."** This Variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring. .10 .20 .60

**Dwarf Green Curled Scotch.** Beautifully fringed dwarf growing kind, with bright green leaves. .10 .30 .90

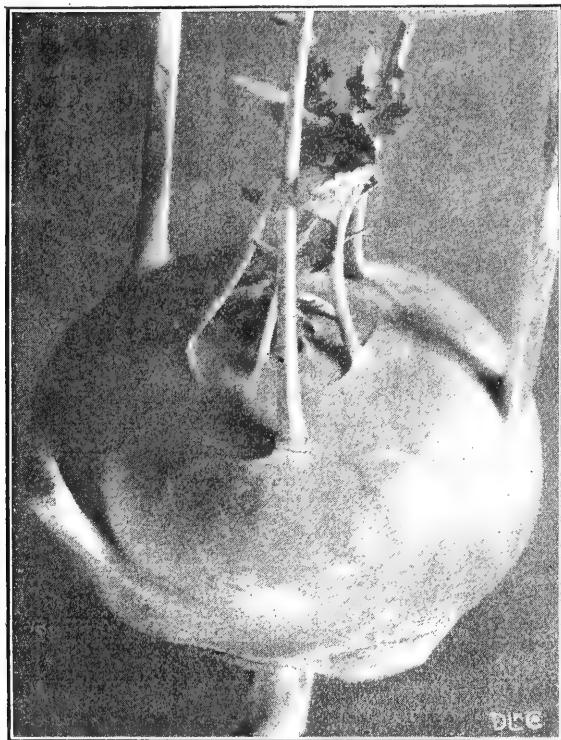
**Tall Green Curled Scotch.** Tall growing, veiny hardy variety, leaves a bright green, beautifully curled. .10 .30 .90

**Dwarf Brown German Curled** .10 .30 .90

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE



DKC

## KOHL-RABI

**German**, Kohl-Rabi; **French**, Chou Rave; **Spanish**, Colinabo.

Per oz.  $\frac{1}{4}$  lb. lb.

**Early White Vienna.** Flesh white and tender; best market sort; good for table use. .00 20 \$0 60 \$1 75

**Early Purple Vienna.** Differing from the above in color, which is of a bluish purple. 20 60 2 00

**Large White or Green.** Large ball, not so fine, but more productive. 10 35 1 00

Kohl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip; this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

KOHL-RABI

## LEEK

**German, Lauch; French, Poireau;**

**Spanish, Puerro.**

Per oz.  $\frac{1}{4}$  lb. lb.

**Large American Flag.**

The kind mostly

grown for market \$0 20 \$0 60 \$2 00

**Large Careten.** A large

growing French var-  
iety of excellent qual-  
ity-----

20 65 2 25

**Large Rouen.** Very

large and fine----- 20 65 2 25

The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; treat the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.



## SEA KALE

**German, Seekohl; French, Crambe Maritime; Spanish, Berton de Mar.**

**Sea-Kale Seeds.** Very much like Celery----- Per oz. 20c.  $\frac{1}{4}$  lb. 60c. lb. \$2 00

Cultivate for its blanched shoots, which are cooked in the same way as Asparagus. A supply may be had all winter by planting the roots closely in warm cellar before frost. Sow one inch deep in drills two feet apart; thin out to six inches, and the next spring plant in hills three feet apart, three plants in each.

## CARROT

**German, Moehren; French, Carrotte; Spanish.**

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Early French Forcing.</b> The earliest variety, valuable for forcing; root small and of fine flavor-----	\$0 30	\$0 35	\$0 85
<b>Early Round Parisian.</b> Small for frames or open ground-----	30	85	3 00
<b>Early Scarlet Hons.</b> Old and favorite sort, much esteemed for early summer	25	75	2 50
<b>Half Long Danvers.</b> A variety intermediate in size and period of maturity between the preceding and the Dong Orange-----	15	40	1 25
<b>Half Long Stump Rooted Chantenay.</b> Like Nantes, broader shoulder-----	30	85	3 00
<b>Half Long Rubicon Finest Carrot in existence.</b> -----	25	75	2 50
<b>Half Long Stump Guarande or Oxheart.</b> -----	20	55	2 25
<b>Half Long Stump Nantes.</b> -----	25	75	2 50
<b>Carentan.</b> A new early variety without core. It is an excellent sort for forcing, or used as an early kind of planting in the open ground-----	25	75	2 50
<b>Long Orange Improved.</b> Roots of large size, equally adapted for garden or farm culture-----	10	35	1 00
<b>Large White Belgian.</b> Grown almost exclusively for stock-----	10	25	75



### MAY KING LETTUCE

German, Laitick; French, Laitue; Spanish, Lechuga.

	Per oz.	1/4 lb.	1 lb.
<b>MAY KING LETTUCE.</b> Very early, sure header, solid, good flavor (See Novelties) . . . . .	\$0 20	\$0 50	\$1 50
<b>The Holyrood Hot Weather Lettuce.</b> . . . . .	30	1 00	3 00
<b>Thorburn's Market Garden.</b> Private stock sound, large heads. . . . .	20	50	1 50
<b>Thorburn's Maximum.</b> Large and solid heads, heat resisting . . . . .	20	55	1 75
<b>Selected Buttercup.</b> Yellow, solid heads for outdoor forcing . . . . .	20	50	1 50
<b>Big Boston.</b> Similar to Boston Market, double this size. . . . .	20	50	1 50
<b>Early Curled Simpson.</b> Very early and an excellent sort for forcing; is largely grown by the market gardeners. . . . .	15	35	1 25
<b>American Gathering.</b> Twisted and curled leaves, fine for early or late . . . . .	10	30	90
<b>Deacon.</b> This magnificent Lettuce stands hot weather better than any other Butter variety. Large, firm heads of creamy white and rich flavor. . . . .	15	35	1 00
<b>Denver Market.</b> For forcing or open ground; large solid heads. . . . .	15	35	1 00
<b>Tennis Ball.</b> (Black seeded), well formed heads hardy and crisp, one of the earliest of heading varieties. . . . .	15	35	1 25
<b>Tennis Ball, or Boston.</b> (White seeded), grows very compact, white and crisp, one of the best for forcing or the open ground . . . . .	15	35	1 25
<b>Salamander Head.</b> Fine compact head, resists heat. . . . .	15	35	1 25
<b>Black-Seeded Butter.</b> Fine market strain. . . . .	15	35	1 25
<b>Large White Cabbage.</b> Excellent for summer; heads of good size. . . . .	15	35	1 25
<b>Black Seeded Simpson.</b> Stands the summer well. . . . .	15	35	1 25
<b>Gray Seeded Butter.</b> One of the best large heads. . . . .	15	35	1 25
<b>Shotwell's Brown Head.</b> Large and handsome heads hardy; standing summer heat without injury. . . . .	20	50	1 50
<b>Boston Market.</b> Large solid heads, very fine for forcing, and of fine flavor. . . . .	15	35	1 25

### ROMAINE OR COS VARIETIES.

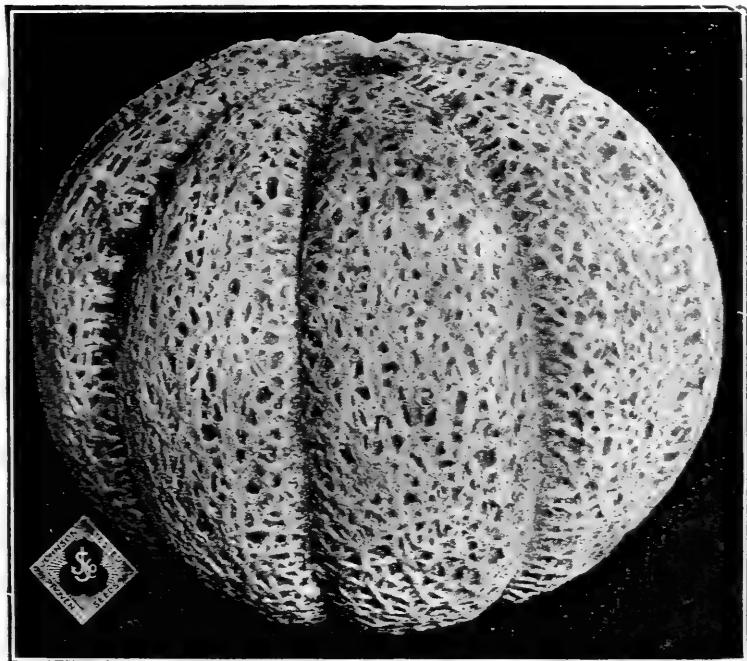
<b>Trianon Cos.</b> The best of the Cos variety. . . . .	20	50	1 50
<b>White Paris Cos (Romaine).</b> Sow early; tie up to blanch. . . . .	15	35	1 25
<b>Golden Yellow Cos.</b> Long standing, large solid heads, crisp and tender. . . . .	20	60	2 00

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture,

## MELON, MUSK

German, Melone; French, Melon; Spanish, Melon Muscatel.

	Per oz.	$\frac{1}{4}$ lb.	1 lb.
POLLOCK. One of the perfect shape, netted Rockyford strain .....	\$0 15	\$0 35	\$1 25
Johnson's Dreamwold .....	Pkt. 10c.	25	60
Paul Rose. Handsome, oval orange flesh, sweet .....		15	35
Long Island Beauty. Similar to Hackensack; very early .....		15	35
Miller's Cream or Osage. Flesh a salmon color and very thick .....		15	35
Golden Netted Gem. Early, round, small, fine small fine flavor .....		15	35
Hackensack. Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor .....	10	30	1 00
Montreal Market. Green flesh, very thick; fine flavor .....	15	35	1 25
Long Yellow Cantalope. Yellow flesh, suitable for the market .....	15	35	1 25
Baltimore Market. Oblong; orange flesh .....	15	35	1 00
Jennie Lind. A very early kind, of small size, but delicious flavor .....	15	35	1 00
White Japan. Size medium and nearly round; skin cream white and very thin; flesh pale green, early and sweet .....	20	60	2 00
Rocky Ford. Very sweet; spicy flavored, small and oblong, most popular sort .....	10	30	1 00



HACKENSACK MUSK MELON.

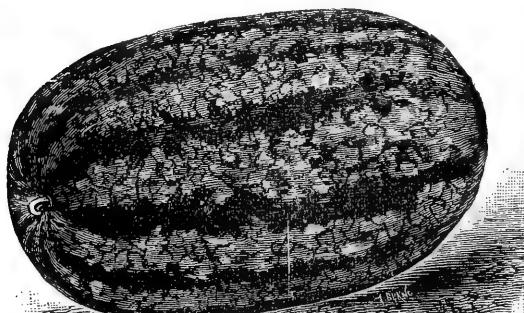
## MELON, WATER

German, Wassermelone; French, Melon d' Eau; Spanish, Zaudia.

	Per oz.	$\frac{1}{4}$ lb.	1 lb.
Tom Watson. Long and 8 to 10 in. diameter. Thin rind, crisp flesh, fine flavor .....	\$0 10	\$0 25	\$0 75
Kolb's Gem. Nearly round, dark green .....	10	25	75
Seminole. A new early variety. Long stripped sort .....	10	25	75
Pride of Georgia. Dark green, oval in shape; crisp and sweet; very large .....	10	25	75
Mountain Sweet. One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious .....	10	25	75
Black Spanish. Shape round, rather small; skin dark green, flesh red, sweet, rich .....	10	25	75
Phinney's Early. Fresh deep red, of a very superior quality; a valuable early market variety .....	10	25	75
Cuban Queen. Solid and heavy .....	10	25	75
Ice Cream. (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent .....	10	25	75

**MELON, WATER—Continued.**

	Per oz.	$\frac{1}{4}$ lb.	lb.
Rattlesnake. Very large, striped, red flesh variety.....	\$0 10	0 25	\$0 75
Mammoth Iron Clad. Long and large; thin skin deep red flesh.....	10	25	75



IRON CLAD.

	Per oz.	$\frac{1}{4}$ lb.	lb.
The "Boss" Oblong; dark green.....	10	25	75

	Per oz.	$\frac{1}{4}$ lb.	lb.
Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves.....	10	25	75

	Per oz.	$\frac{1}{4}$ lb.	lb.
Citron. (Green Seeded), used for preserves.....	10	25	75

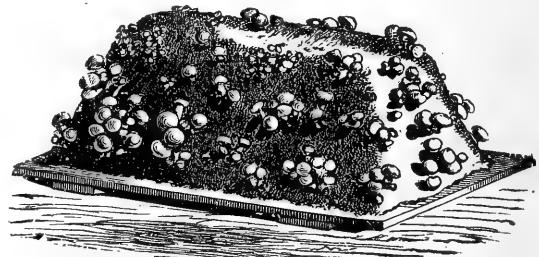
Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

**MUSHROOMS**

German, Chimpignoubrut; French, Champignon; Spanish, Hongo;			
Imported English Spawn.....	per brick 15c	10 bricks \$1 00	100 bricks \$9 00
Imported French Spawn.....		30c per lb.	10 lbs. \$2 50
American Spawn Bricks.....	per brick 19c	10 bricks \$1 60	100 bricks \$12 00

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.

Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.



MUSHROOMS.

**MUSTARD**

German, Senf; French, Moutarde; Spanish, Mostaga.

	Per oz.	$\frac{1}{4}$ lb.	lb.
White London. Best of salads.....	\$0 05	\$0 10	\$0 25
Black. Used for cooking and salad.....		05	10 25

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf appears. The seed should be sown thickly in light soil, the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

**NASTURTIUM**

German, Nastrutian; French, Capusine; Spanish, Maranuela.

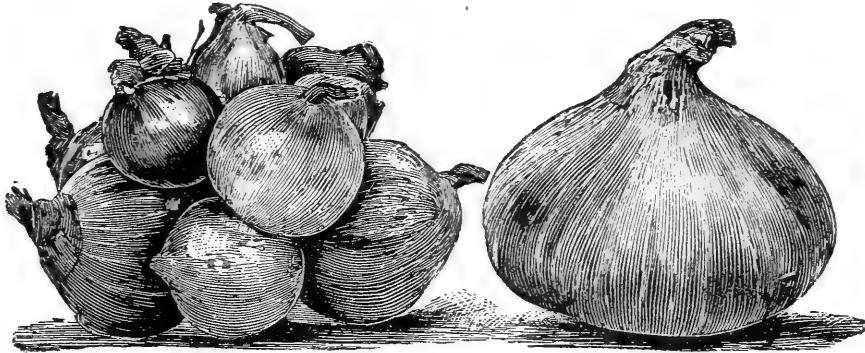
	Per oz.	$\frac{1}{4}$ lb.	lb.
Tall Scarlet .....	\$0 15	\$0 40	\$1 25
Tall Yellow .....	15	40	1 25
Tall Nasturtium, Mixed.....	10	20	60
Dwarf Nasturtium, Mixed.....	10	25	75

## NASTURTIUM—Continued.

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its scarlet and orange-colored flowers which appear freely all summer, add a charm to the garden.

## ONION

German, Zweibel; French, Oignou; Spanish, Cebolia.



ONION.

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Early Red Flat.</b> About ten days earlier than the Large Red, and note quite so large .....	\$0 20	\$0 55	\$1 75
<b>Large Red Wethersfield.</b> The staple variety of the Eastern onion growers; of large size, deep in color, a good keeper. ....	15	40	1 25
<b>Yellow Globe Danvers.</b> An excellent variety, mild flavor and very productive; ripens early and a good keeper.....	15	50	1 50
<b>Prizetaker or Early Globe Spanish.</b> Immense size. ....	20	60	2 00
<b>White Portugal or Silver Skin.</b> A handsome onion of mild flavor; extensively grown for picking.....	20	60	2 00
<b>Southport Red Globe.</b> Similar to the large Red in flavor and color, but quite distinct in form, being nearly globular.....	20	60	1 75
<b>Southport White Globe.</b> Form nearly ovoid symmetrical, keeps well, is an excellent variety .....	30	80	2 50
<b>Southport Yellow Globe.</b> Same as above, except in color.....	20	60	1 75
<b>White Flat Bermuda.</b> Very early.....	75		
<b>Red Flat Bermuda.</b> Very early.....	35	1 00	3 50

## ITALIAN VARIETIES.

<b>Adriatic Barletta.</b> White, new variety, fully two weeks earlier than the Queen. ....	20	60	2 00
<b>Early Queen.</b> Excellent variety, very early, a good keeper and mild flavor white. ....	20	60	2 00
<b>Giant Rocca.</b> A splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor.....	20	60	2 00

The onion thrives best in a rather strong, deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

## ONION SETS

	Per qt.	$\frac{1}{2}$ pk.	pk.	bu.
<b>White Onion Sets.</b> ....	\$0 25	\$0 75	\$1 25	\$4 00
<b>Yellow Onion Sets.</b> ....	20	60	1 00	3 50
<b>Red Onion Sets.</b> ....	20	60	1 00	3 50
<b>Potato Onions.</b> ....	25	75	1 25	4 00
<b>Shallots.</b> ....	25	75	1 25	4 00
<b>Red Top Onions.</b> ....	25	75	1 25	

## OKRA OR GUMBO

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.



LONG GREEN OKRA.

Per oz.  $\frac{1}{4}$  lb. lb.

**Improved Dwarf White.** Long slender pods, very productive, only 14 in. high.....\$0 10 \$0 20 \$0 50

**Dwarf Green.** Early and productive. .... 10 20 50

**Long Green.** Fine long pods, very good ..... 10 20 50

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

## PARSNIPS

German, Pastinake; French, Panals; Spanish, Chirivia.

Per oz.  $\frac{1}{4}$  lb. lb.

**Guernsey or Cup.** Leading variety.....\$0 10 \$0 20 \$0 70

**Long Smooth or Hollow Crown.** Long roots ..... 10 20 70

**Early Round** ..... 15 35 90

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

## PARSLEY

German, Petersilie; French, Persil; Spanish, Perjil.

Per oz.  $\frac{1}{4}$  oz. lb.

**Extra Double Curled.** A fine dwarf variety excellent for garnishing.....\$0 20 \$0 50 \$1 50

**Fern Leaves.** The most beautiful form of parsley, resembling crested fern or moss in its growth..... 20 60 2 00

**Plain Leaves.** Hardier than the curled variety..... 20 60 2 00

**Moss Curled** ..... 15 35 1 00

**Hamburg, or Rooted.** Edible roots..... 20 50 1 50

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

## PEAS

German, Erbsen; French, Pois; Spanish, Guisantes.

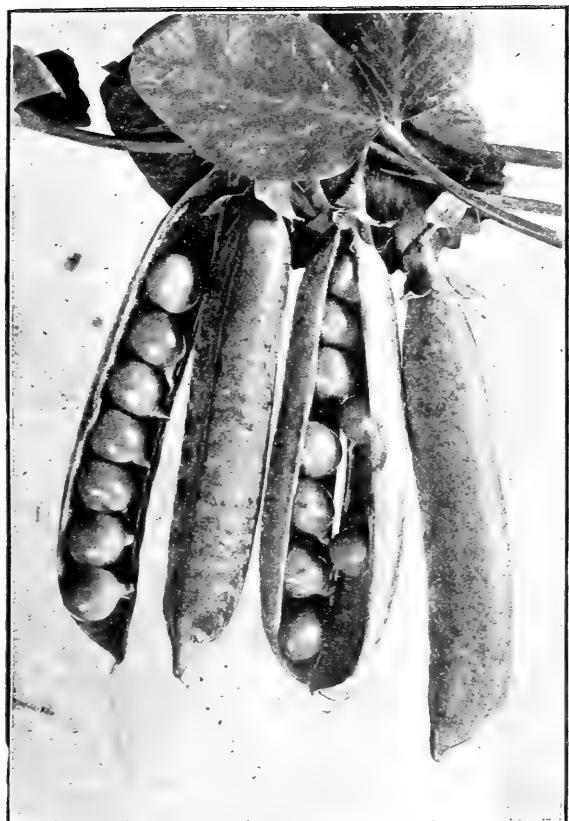
### EXTRA EARLY VARIETIES.

Per qt.  $\frac{1}{2}$  pk. pk.

**Primo.** Very early, cross between Gradus and Early William. Pods same as Gradus but with this advantage, much more prolific and harder. 15c pkt.

**Gradus or Prosperity.** Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large Peas and pods, splendid flavor. Requires no sticks reaching only 36 inches in ordinary good soil. Height, 3 feet...\$0 50 \$1 75 \$3 00

## PEAS—Continued.



## GRADUS PEAS.

**Pride of the Market.** Very large pods, green peas, sow thin, height 2 feet  
**Yorkshire Hero, or Dwarf Champion.** .....  
**Abundance.** 18 inches high, 6 to 8 peas in a pod, large and wrinkled.....  
 peas in a pod, large and wrinkled.....  
**Dwarf Telephone.** Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and very sweet.....

	Per qt.	½ pk.	pk.
<b>Nott's Excelsior.</b> Extra dwarf wrinkled, pods larger than American Wonder, 1 foot.....	\$0 50	\$1 75	\$2 75
<b>American Wonder.</b> Earliest wrinkled variety, 1½ feet .....	35	1 25	2 00
Alaska. Very early and retain their color well, height 2½ feet .....	35	1 25	2 00
<b>First and Best.</b> One of the best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet .....	35	1 25	2 00
<b>Little Gem.</b> A dwarf green wrinkled Market, very prolific, of superior flavor, and a first early, 1½ feet.....	40	1 25	2 25
<b>Premium Gem.</b> A fine flavored dwarf, wrinkled variety; good cropper and fine quality. Height 18 inches .....	40	1 25	2 25

## SECOND EARLY VARIETIES.

<b>Heroine</b> Medium Early. Green wrinkled, height 2½ feet .....	35	1 25	2 00
<b>Everbearing,</b> good size pea, long pod, height 2½ feet .....	35	1 25	2 00
<b>McLean's Advancer.</b> Early green wrinkled varieties, delicious flavor, height 2½ feet .....	35	1 25	2 00
	40	1 25	2 25
	40	1 25	2 00
	35	1 25	2 00
	35	1 25	2 00
	50	1 75	3 00

## GENERAL CROP

<b>Champion of England.</b> A popular wrinkled variety of delicious flavor; profuse bearer. Peas are very large, tender, height 5 feet.....	35	1 25	2 25
<b>Telephone.</b> This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet .....	45	1 50	2 50
<b>Stratagem.</b> Mammoth pods, well filled, height 1½ feet .....	45	1 50	2 50
<b>Black-Eyed Marrowfat.</b> Grown for market, hardy, productive, 3 ft. bu. \$5.00	25	85	1 50
<b>White Marrowfat.</b> An old favorite sort for market, 4 ft. Per bu. \$5.00...	25	85	1 50
<b>Mammonth Gray Sugar.</b> Edible pods, a fine flavored variety; can be used in the green state like string beans. Height 5 feet.....	50 pint	90 quart	
<b>Dwarf, Sugar.</b> Edible pods.....	35 pint	60 quart	

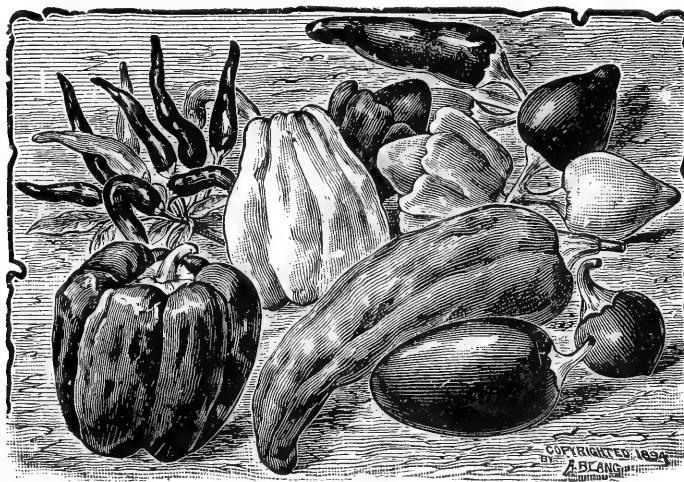
Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay is best. For early crops decomposed leaves or leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private

## PEAS—Continued.

use, they are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by bush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

## PEPPER

German, Pfeffer; French, Piment; Spanish, Pimiento.



## PEPPERS.

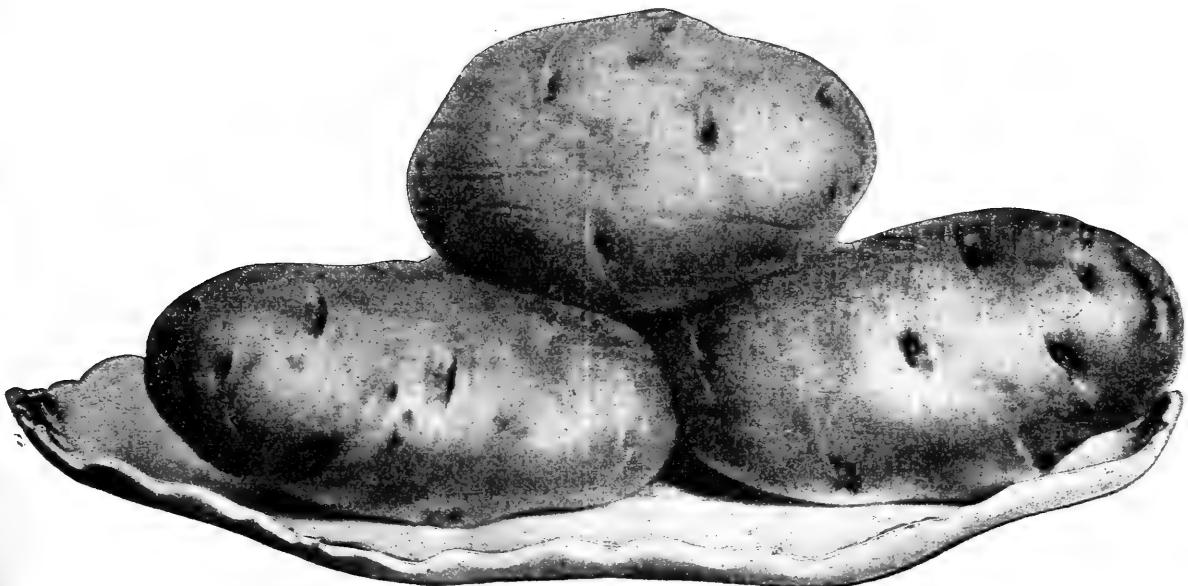
	Per oz.	1/4 lb.	1 lb.
Ruby King. Very large; bright red.....	\$0 30	\$0 85	\$3 00
Sweet Spanish. One of the largest. Best for salads, very hot.....	20	65	2 25
Large Bell or Bull Nose. An early variety of mild flavor .....	20	60	2 00
Sweet Mountain or Mammoth. Of large size, best for mangoes.....	25	75	2 50
Chinese Giant. Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer.....	40	1 25	4 00
Long Red Cayenne. Used for Pepper, sauces very pungent .....	20	60	2 00
Golden Queen Mammoth. Large, golden, yellow, early .....	20	65	2 25
Chili. Very piquant and prolific, fruit conical, bright scarlet .....	20	60	2 00
Golden Dawn Mango. This is a remarkably prolific Pepper of the Bell class of a magnificent golden color.....	25	75	2 50

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

## POTATOES

German, Kartoffel; French, Pomme de Terre; Spanish, Petata.

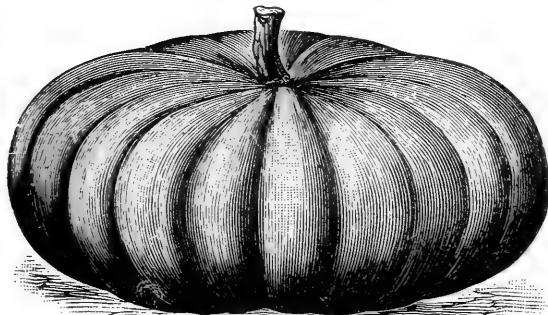
Houlton Hebron. .White skin, the most popular varitey in cultivation..	Prices on application.
Houlton Rose. The standard variety.....	
Houlton Early Queen. Early and productive.....	
Houlton Green Mountain. Late variety, good keeper, white and mealy....	
Houlton Irish Cobbler. Very early, round white.....	
Houlton Boree. Extra early production, white flesh.....	
Houlton Bagley. . . . .	
Houlton Delaware. . . . .	

**POTATOES—Continued**

HOULTON MAINE POTATOES

**PUMPKIN**

German, Kuerbis; French, Gourge; Spanish, Calabaz a Tetanera



CHEESE PUMPKIN

	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Calhoun.</b> Flesh woederfully thick, fine grained-----	10	25	60
<b>Large Cheese.</b> The best variety, hardy and productive-----	10	20	30
<b>Connecticut Field.</b> Very productive, largely grown for feeding stock 20c. per quart, \$3.00 per bushel-----	10	15	40
<b>Mammoth King.</b> Grows to an immeuse size-----	15	40	1 25
<b>Early Sugar.</b> Fruits medium size, of excellent keeping quality. Flesh very sweet-----	10	20	50
<b>Cushaw.</b> Salmon color, crookee neck-----	10	25	75
<b>Tennessee Sweet Potato.</b> Bell shaped, thick, white flesh, nothing finer for pies-----	10	25	75

These are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

**RHUBARB**

German, Rabarber; French, Rhuperbe; Spanish, Ruibarbo.

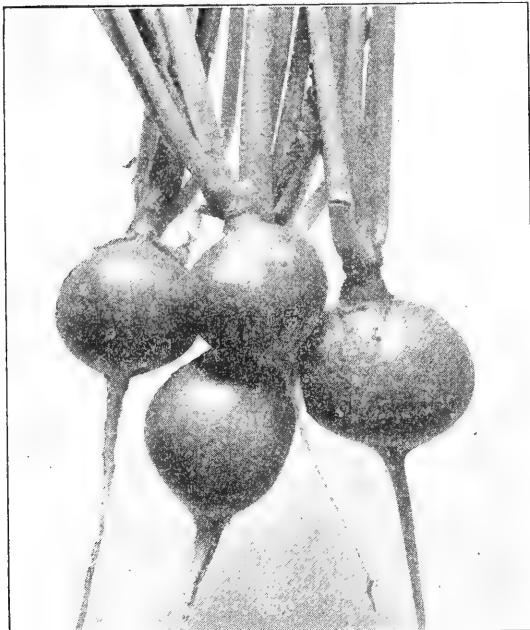
	Per oz.	$\frac{1}{4}$ lb.	lb.
<b>Linnaeus.</b> Early, large and tender-----	\$0 20	\$0 50	\$1 50
<b>Victoria.</b> Very large, later than Linnaeus-----	15	40	1 25
<b>Roots (Victona).</b> -----	10c. each	\$1 00	doz.

Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following spring, transplant into deep, rich soil, about three feet apart each way.

## RADISH

German, Retting; French, Radis; Spanish, Robanitos.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Vick's Scarlet Globe. New, very fine.....	\$0 10	\$0 20	\$0 60
Early Scarlet Turnip. The standard variety, of quick growth, mild and crisp when young.....	10	20	50
Early Scarlet Turnip. Forcing variety, maturing in three weeks.....	10	20	60
Early Scarlet Turnip. White tipped, a beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners.....	10	20	50
Market gardeners price..... 10 lbs. at 40c lb.			
Early Scarlet Turnip. White tip, forcing.....	10	20	60
Olive Shape Deep Scarlet.....	10	20	60
French Breakfast. Of quick growth, very mild and tender, of oval form, color scarlet, tipped with white.....	10	20	60
Long Scarlet. One of the leading market kinds.....	10	20	60
Rose China Winter. Flesh firm and piquant; excellent for winter use..	10	25	75
White Summer Turnip. A summer variety of mild flavor.....	10	20	60
Yellow Summer Turnip. Grows to a large size.....	10	20	60
Black Spanish Winter. Long, one of the hardest and best for winter use..	10	20	60
Black Spanish Winter. Round.....	15	35	1 00
Giant Stuttgart. Summer favorite, German sort....	10	20	60
California Mammoth White. A giant white fleshed Fall Radish.....	10	25	75
White Spanish. Long, rather milder than the black....	10	25	75
White Strasburg. Very large, German sort .....	10	20	60
White Vienna or Lady Finger. Crisp and tender in summer. . . . .	10	20	60



There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in high rich soil. For a successful supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

## SPINACH

German, Spinat; French, Spinard; Spanish, Espinaca.

Special price on lots of 10 to 25 lbs.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Long Standing, Round Leaved.....	\$0 10	\$0 15	\$0 35
Flander's Round Leaved. The variety commonly grown, good for spring or fall sowing.....	10	15	35
Large Viroflay. A new variety, with leaves much larger and thicker than the old variety.....	10	15	35

**SPINACH—Continued**

	Per oz.	$\frac{1}{4}$ lb.	1 lb.
<b>Victoria, New.</b> Dark green color, sow early.....	\$0 10	\$0 15	\$0 35
<b>Bloomsdale Savoy Leaved.</b> A large, curled, thick leaved variety, the market gardner's favorite.....	10	15	35
<b>Prickly.</b> Prickly seeded, with triangular arrow-shaped leaves .....	10	15	35
<b>New Zealand.</b> Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil .....	10	30	80

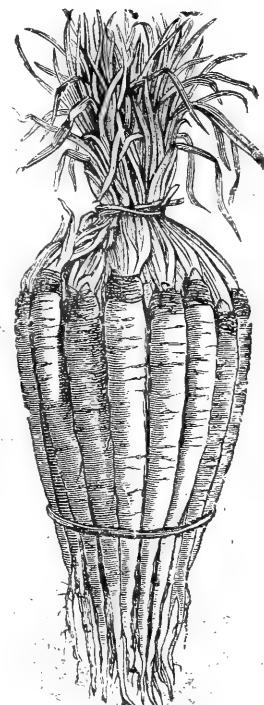
Sow in fall for spring use, in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals, during the season for succession.

**SALSIFY, OR OYSTER PLANT**

German, Bocksbart; French, Salsifis; Spanish, Salsifi.

	Per oz.	$\frac{1}{4}$ lb.	1 lb.
<b>Long White French.</b> ....	.\$0 20	\$0 50	\$1 50
<b>Mammoth Sandwich Island.</b> ....	15	40	1 25

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winters; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.

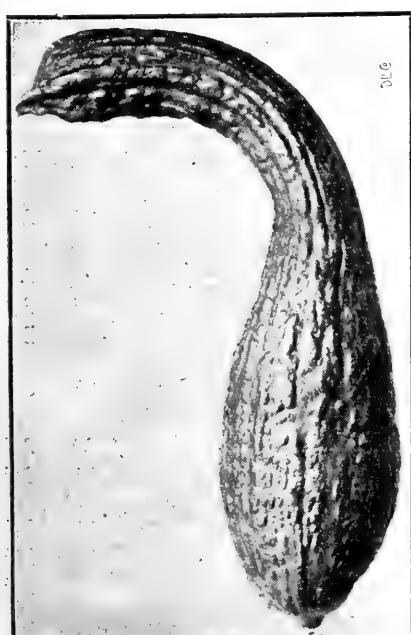


SALSIFY.

**SQUASH**

German, Garten Kuerbise; French, Courage; Spanish, Buetera.

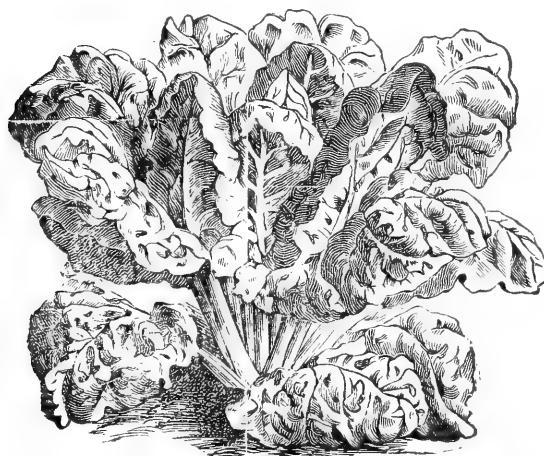
	Per oz.	$\frac{1}{4}$ lb.	1 lb.
<b>Mammoth Summer Crookneck.</b> Twice size of Summer Crookneck.....	\$0 10	\$0 25	\$0 80
<b>Fordhook Squash.</b> Bright, yellow, good keeper .....	10	25	75
<b>Early Golden Bush Scalloped.</b> True bush growth producing fruit ready for use early in the summer.....	10	25	75
<b>Early White Bush Scalloped.</b> A white variety of the above.....	10	25	75
<b>Summer Crookneck.</b> Early, productive and of good quality.....	10	25	75
<b>Boston Marrow.</b> A very valuable medium early variety, an excellent keeper and of superior quality..	10	25	75
<b>Hubbard.</b> The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor .....	15	30	1 00



## SQUASH—Continued.

	Per oz.	$\frac{1}{4}$ lb.	1 lb.
<b>Mammoth Chili.</b> Grows to a large size, often weighing two hundred pounds Excellent for stock.....	\$0 15	\$0 40	\$1 25
<b>Vegetable Marrow.</b> A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor.....	15	40	1 25

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.



SWISS CHARD.

## SWISS CHARD OR SILVER BEET

This is a Beet producing leaves only, of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz. 10c.  $\frac{1}{4}$  lb. 30c. 1 lb. \$1.00.

## TOBACCO

**Connecticut Seed Leaf.** This variety is best adapted to the climate of the Northern and Middle States. Per oz. 25c,  $\frac{1}{4}$  lb. 75c, 1 lb. \$2.50.

**Havana.** Imported Seed, Vuelto de Abbajo. Per oz. 40c,  $\frac{1}{4}$  lb. \$1.25, 1 lb. \$4.00.

## TOMATO

German. Liebesapfel; French, Tomote; Spanish, Tomata.

	Per oz.	$\frac{1}{2}$ lb.	1 lb.
<b>Atlantic Prize.</b> Extra early, smooth, bright red, good size .....	\$0 25	\$0 75	\$2 50
<b>Earlina, Extra Early.</b> Bright red, smooth. It is claimed to be one of the earliest introduced, very productive.....	30	85	3 00
<b>Coreless Livingston's.</b> Almont round, bright red, ripens all over at once, exceptionally free from green core.....	30	85	3 00
<b>Livingston's Honor Bright.</b> Solid, long keeping qualities .....	25	75	2 50
<b>Imperial.</b> Very smooth, bright red color, good size .....	25	75	2 50
<b>New Buckeye State.</b> Large size, similar to Livingstone's Beauty, little darker in color.....	30	85	3 00
<b>Thorburn's Terra Cotta.</b> A cross between the Stone Peach and Ponderosa	60		
<b>Ponderosa.</b> Very large and solid.....	35	1 00	3 75
<b>New Stone.</b> Large and smooth.....	25	75	2 50
<b>Livingston's Perfection.</b> Very early, round, smooth, tough skin, brilliant, solid and rich flavor; ripening thoroughly. A favorite market variety..	25	75	2 50
<b>Ignotum.</b> Early, large and smooth.....	25	75	2 50
<b>Livington's Beauty.</b> Large dark crimson, thick skin .....	25	75	2 50
<b>Dwarf Champion.</b> Resembles Acme, early.....	25	75	2 25
<b>Acme.</b> A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato	25	75	2 50

## TOMATO—Continued.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Trophy. (Selected). The leading variety for general cultivation, and when property grown will give satisfaction. The seed we offer is carefully selected from pure stock.....	20	65	2 25
Golden Queen. A first class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor.....	25	75	2 50
Yellow Plum. Used principally for pickling.....	25	75	2 50
Red Pear Shape. Used principally for preserving and pickling.....	30	85	2 00
Red Currant for Preserves.....	30	85	3 00
Yellow Cherry. Similar to above, except in color.....	25	75	2 50



NEW STONE TOMATO.

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

## TURNIP

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Milan. (Purple top), the earliest of all.....	\$0 15	\$0 30	\$1 00
Purple Top Munich. One of the earliest varieties.....	10	20	60
Early White Flat Dutch. An early garden variety of medium variety size..	10	20	60
Red Top Strap Leaf. This and the preceding are the best two kinds for Spring sowing and for garden culture.....	10	20	60
Red Top White Globe. Very desirable, extensively grown for market.....	10	20	60
White Egg. A new variety, beautifully shaped; excellent table turnip.....	10	20	60
Yellow Globe. One of the best for general crop, either for table use or stock.....	10	25	75
Yellow Stone. A good globe-shaped turnip, similar to the above.....	10	20	60
Golden Ball. A table Turnip of quick growth, and unsurpassed quality..	10	20	60
Long White or Cow Horn. One of the best field Turnips, flesh fine grained	10	25	75
Yellow Aberdeen. Hardy and productive, large grown for farm purposes..	10	20	60
Large White Norfolk. Globe-shaped variety, one of the best for stock..	10	20	60
Pomeranium White Globe. Very fine, white Globe variety, round and thick..	10	20	60
German Tetlow. Small, early, fine grade sugary.....	10	25	80

## TURNIPS—Continued

## RUTA BAGAS

**American Improved Purple Top.**

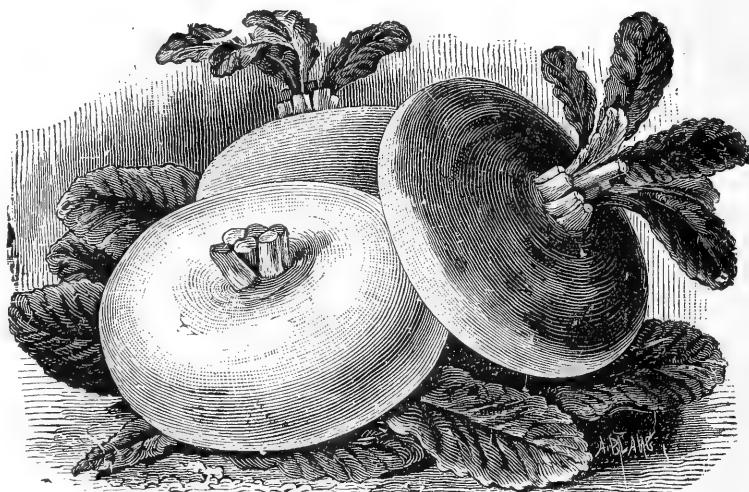
The leading variety, of fine quality, valuable both for the table and for feeding stock. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, 1b. 60c. Carter's Imperial Royal Swede,

An English variety, highly recommended as producing enormous crops. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, 1b. 60c.

**White or Sweet German.** A large solid variety. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, 1b. 50c.

**L a i n g ' s.** Improved, globe-shaped, with small top and tap root. Per oz. 10c,  $\frac{1}{4}$  lb. 20c, 1b. 60c.

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of an inch or more, and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.



PURPLE TOP STRAP TURNIP

**SWEET POT AND MEDICINAL HERB SEEDS**

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Per oz.
<b>Anise</b> ( <i>Pimpinella anisum</i> ), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	\$0 10
<b>Balm</b> ( <i>Melissa officinalis</i> ), a hardy perennial, used for making balm tea and balm wine ..	25
<b>Basil, Sweet</b> ( <i>Ocimum basilicum</i> ). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces .....	15
<b>Bene</b> ( <i>Sesamum orientale</i> ).....	10
<b>Borage</b> ( <i>Borage officinalis</i> ), hardy annual, some times used a sa pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers.....	10
<b>Caraway</b> ( <i>Carum cauri</i> ), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors.....	10
<b>Catnip</b> ( <i>Nepeta cataria</i> ), perennial.....	35
<b>Coriander</b> ( <i>Coraindrum salivum</i> ), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine .....	10
<b>Dill</b> ( <i>Anethum graveolens</i> ), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants.....	10
<b>Fennel</b> ( <i>Anethum foeniculum</i> ), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces.....	10
<b>Horehound</b> ( <i>Marriubium vulgare</i> ), hardy perennial, principally used for medicinal purposes	20
<b>Hyssop</b> ( <i>Hyssopus officinalis</i> ), hardy perennial, the leafy tops and flowers are used for making hyssop tea.....	15

## SWEET POT AND MEDICINAL HERB SEEDS—Continued

	Per oz.
Lavender ( <i>Lavandula spica</i> ), a popular aromatic herb .....	20
Majorum, Sweet ( <i>Origanum Majorana</i> ), for seasoning .....	15
Opium Poppy ( <i>Papaver somniferum</i> ).....	20
Rosemary ( <i>Rosmarinus officinalis</i> ), an aromatic herb .....	30
Rue ( <i>Ruta graveolens</i> ), used for medicinal purposes, also frequently given to fowls for the roup .....	30
Saffron ( <i>Carthamus tinctorius</i> ).....	10
Sage ( <i>Salvia officinalis</i> ), much used for flavoring various articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration .....	15
Summer Savory ( <i>Satureia hortensis</i> ), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups.....	35
Sorrel, Broad Leaved, used in salads.....	20
Thyme, Broad Leaved English, hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headache.....	45
Tarragon, Roots, each 35 cents.....	35
Tansy ( <i>Tanacetum vulgaris</i> ).....	35
Wormwood ( <i>Antemesia abietinum</i> ), used for medicinal purposes; it is also beneficial to poultry and should be planted in poultry grounds .....	25

## MUZZY BROTHERS' CELEBRATED LAWN GRASS

	1 qt.	2 qt.	4 qt.	8 qt.	1 bu.
Muzzy Bros.' Fine Mixed Lawn Grass. Composed of a mix- ture of the finest grasses; sow four to five bushels per acre .....	\$0 15	\$0 25	\$0 45	\$0 85	\$3 00
Muzzy Bros.' Special Lawn Mixture. This extra choice mix- ture contains a large proportion of the finer and more ex- pensive species of grasses, in extra heavy samples, pro- ducing a turf of the closest and finest texture possible ...	25	45	85	1 50	5 00
Muzzy Bros.' Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun.....	30	60	1 00	1 75	6 00

## QUANTITIES TO BE USED

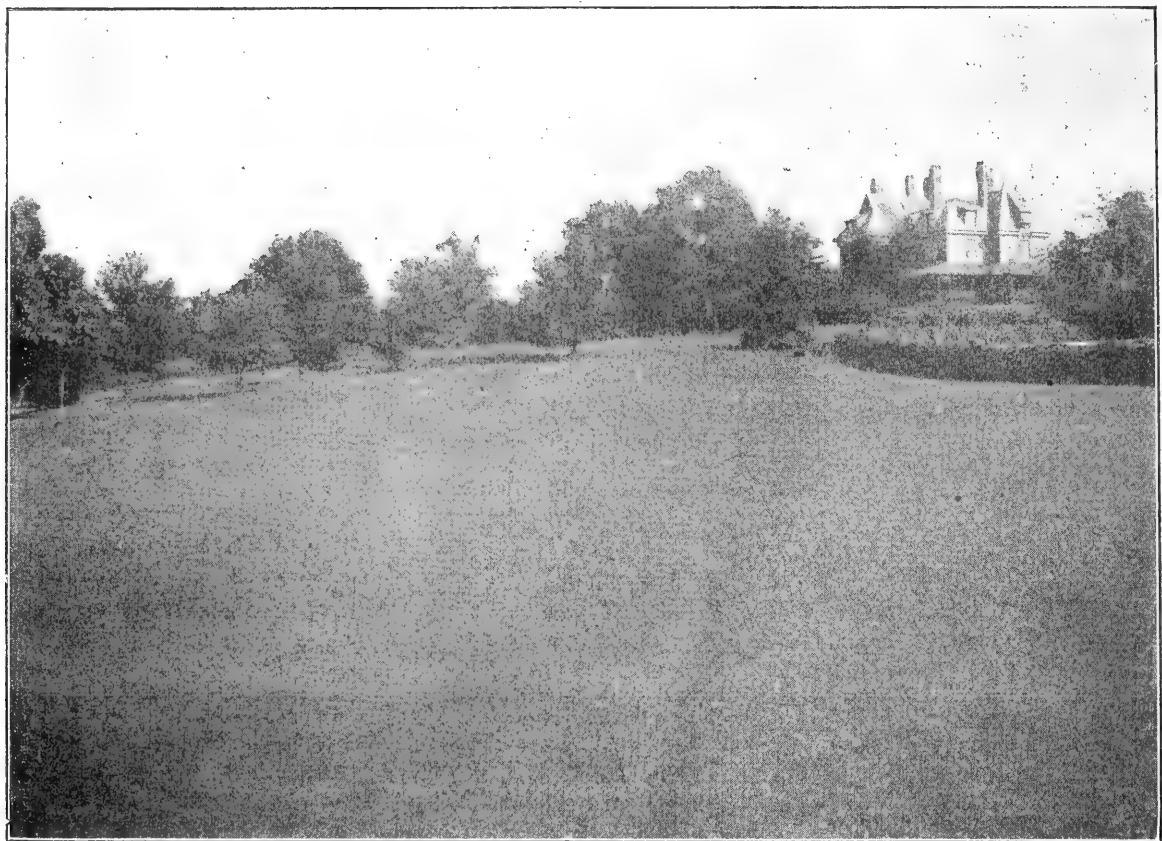
Plot 20 feet by 20 feet, sow 1 quart.	Plot 25 feet by 50 feet, sow 4 quarts.
Plot 25 feet by 25 feet, sow 2 quarts.	Plot 25 feet by 100 feet, sow 8 quarts.
Plot one acre, sow 3 bushels.	

For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.

## MUZZY BROS.' LAWN GRASS, TOP DRESSING, ODORLESS

## QUANTITY REQUIRED OF OUR CELEBRATED LAWN DRESSING

Plot 20 feet by 25 feet, use 5 pounds.....	Price \$0 25
Plot 20 feet by 50 feet, use 10 pounds.....	Price \$0 40
Plot 25 feet by 100 feet use 25 pounds.....	Price \$0 90
Plot 50 feet by 100 feet, use 50 pounds.....	Price 1 75
Plot One-quarter acre, use 100 pounds.....	Price 3 00



## HOW TO MAKE A LAWN

The ground ought to be carefully prepared during the winter, by draining if found requisite, and digging to the depth of six to twelve inches, according to the nature of the soil. The land should then be leveled and raked to remove stones, etc., and then made firm with a heavy iron roller. When the natural soil is too stony, a supply of good mould should be spread over it to a depth of two or three inches. In March or April, before sowing the seed, the ground ought to be thoroughly cleaned and made perfectly level with the iron roller and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the most importance it should be well done. The ground shuold then be evenly raked and the seeds sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four bushels to the acre.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of two or three inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established; but for the first six months' sowing the scythe should be used i npreference to the machine. **Frequent mowing and rolling are indispensable to maintain the turf in good order.** By adopting these means a close green sward will be obtained in a short time.

For lawns requiring improvement, and on croquet grounds, where the turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one or two bushels to the acre, either in the Spring or Fall, using a small tooth cake and rolling afterwards. A slight dressing of manure late in the Fall, will often be found beneficial in encouraging the growth of finer kinds of grasses, and helps to produce a close growing turf.

## MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or in fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

### MEADOW MIXTURE FOR ONE ACRE

#### No. 1. On Good Land, Neither Too Dry or Too Wet

Price \$4.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 2. For High and Dry Land

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 3. On Wet Land

Price \$4.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

### PASTURE MIXTURE FOR ONE ACRE

#### No. 4. On Good Land. Neither Too Wet or Too Dry

Price \$4.25 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 5. On Dry Land

Price \$4.25 per bushel of 20 lbs. Sow 2 bushels to the acre.

#### No. 6. On Wet Land

Price \$4.25 per bushel of 20 lbs. Sow 2 bushels to the acre

### CLOVERS

(Subject to Variation in Price).

**Red Clover.** Medium (*Trifolium pratense*). Price variable, 60 lbs. to bushel.

**Red Clover, Large or Pea Vine.** Price variable.....

**White Clover.** (*Trifolium repens*).....

**Alfalfa or Lucerne.** Requires a deep, rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.....

**Alsike or Swedish** (*Trifolium hybridum*). Ten pounds to the acre .....

**Crimson or Italian** (*Trifolium incarnatum*), sown in Autumn, it furnishes an early fodder and is excellent for soiling. Twenty pounds to the acre. Price variable.....

**Bokhara Clover** (*Melilotus alba*), affords excellent feed for bees; it is a valuable soiling plant; lasts two years. Ten pounds to the acre .....

**Yellow Trefoil** (*Medicago lupina*) Hop clover. Fifteen pounds to the acre.....

Market Price.

### GRASS SEED

These Prices are Subject to Variation.

Per 10 lbs. Per 1 lb.

**Blue Grass Kentucky** (*Poa pratensis*), extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawns; 14 lb. bushel .....

\$2 25      \$0 25

**Creeping Bent Grass, Florin** (*Agrostis stolonifera*), used for lawns, well adapted to most places.....

3 75      40

**Crested Dogtail** (*Cynosurus cristatus*), good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns. 25 lbs. to the acre .....

3 25      35

## GRASS SEED—Continued

	Per 10 lbs.	1 lb.
<b>Hard Fescue</b> ( <i>Festuca duruiscula</i> ), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre .....	\$2 50	\$0 27
<b>Meadow Fescue</b> ( <i>Festuca pratensis</i> ), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre.....	2 25	25
<b>Sheep's Fescue</b> ( <i>Festuca ovina</i> ), does well in high dry and open pastures, is of short, dense growth, and valuable in lawn mixtures. 30 lbs. to the acre .....	2 75	30
<b>Meadow Foxtail</b> ( <i>Alopecurus pratensis</i> ), regarded as one of the most desirable grasses for permanent pasture, being early and rapid growth. 25 lbs. to the acre.....	3 25	35
<b>Meadow Soft Grass</b> ( <i>Holcus lanatus</i> ), will grow with little or no care in any soil; it is chiefly cultivated where the better grass will not grow. 3 bu. to the acre; 7 lbs. to bushel.....	1 60	18
<b>Orchard Grass</b> ( <i>Dactylis glomerata</i> ), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu .....	2 25	25
<b>Red Top Grass</b> ( <i>Agrostis vulgaris</i> ), good permanent grass, excellent for lawns, pastures, etc., and sowing with Timothy and Red Clover for cutting for hay. Sack 50 lbs., \$4.00; per bushel of 14 lbs., \$1.50.....		
<b>Fancy Red Top Grass</b> , cleaned like Timothy; free from chaff .....	2 00	25
<b>Rhode Island Bent Grass</b> ( <i>Agrostis canina</i> ), best of all grasses for lawn where only one variety is used.....	3 50	37
<b>Rye Grass English</b> ( <i>Lolium perenne</i> ). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass .....	1 50	20
<b>Rye Grass Italian</b> ( <i>Iolium Italicum</i> ). This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle, and greedily eaten by them, either in a green or dry state.....	1 25	15
<b>Sweet Vernal Grass</b> ( <i>Anthoxanthum odoratum</i> ), is not valuable when sown alone, but when sown with other grasses, it becomes so because of its early growth. It also yields a delightful odor when cured for hay. 10 lbs. to the acre, mixed with other grass annuals .....	7 50	80
<b>Tall Meadow Oat Grass</b> ( <i>Avena elatior</i> ), very valuable for pasture on account of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South .....	2 40	26
<b>Timothy, Herd's Grass</b> ( <i>Phleum pratense</i> ). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market, 45 lbs. to bu. .....		
<b>Rough Stalked Meadow Grass</b> ( <i>Poa trivialis</i> ), produces a constant supply of highly nutritious herbage, particularly on dry soils; one of the most valuable for laying down pastures and meadows on soils either moist or moderately dry. 14 lbs. to the bushel; 20 lbs. to the acre .....	5 00	55
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). This grass grows well both on shady and exposed situations. 30 lbs. to the acre.....	5 00	55
<b>Yellow Oat Grass</b> ( <i>Avena flavescens</i> ), good for dry pastures and meadows. Is much relished by sheep .....		1 25
<b>Golden or German Millet</b> . This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured; gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs.....		
<b>Hungarian Grass</b> . A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three to the acre. Per bushel of 48 lbs.....	1 75 bushel	
		1 50 bushel

Market Price

## GRAINS

All grains are selected expressly for seed, and are strictly pure and true to name.

**Sold at Market Prices**

### SPRING WHEAT, 60 lb. Bushel

**Saschatewan Fife** .....

China Spring. Chaff bearded variety, and a general favorite.

**Mediterranean Spring.** This variety has been grown with great success for a number of years in some sections of New England, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties.

**White Russian.** This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 60 to 63 lbs. to the bushel. Has produced 40 to 50 bushels to the acre.

### WINTER WHEAT, 60 lb. Bushel

**Jones' Winter Five.** Surpassing all other varieties in hardiness and productiveness.

**Golden Cross.** Has the yield of the Clawson, with flower of the Mediterranean.

**Clawson.** Also known as the Seneca. This is a beardless white wheat with red chaff. It proves early and hardy, has a stiff straw, yields larger crops than any other.

**Fultz.** A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour.

**Red Mediterranean.** (American). This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early.

### OATS, 32 lb. bushel.

**SWEDISH or WASHINGTON.** Very popular and standing well until fully ripe.

**Probsteirer.** Very productive and heavy. The straw is very strong: No. 32.

**Scotch.** One of the leading varieties.

**Welcome.**

### RYE 56lb. Bushel.

Spring and Winter Rye.

### SPRING BARLEY, 48 lb. Bushel

**Vermont Champion** (two rowed).

### BUCKWHEAT, 48 lb. Bushel.

**Silver Hull.** This variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

### JAPANESE BUCKWHEAT

Yields twice or three times as much as Silver Hull and ripens a week earlier.

### MISCELLANEOUS SEEDS ETC.

Cow Peas. For Fodder	Per qt. 20c; bu. \$4.00
Kaffir Corn or Sorghum.	Per lb. 15c; 100 lb. \$7.00
Canada Field Peas	Market Price
Winter Vetches	Market Price
Spring Vetches	Market Price
Flax. Very Clean.	Market Price.



## MISCELLANEOUS SEEDS, ETC.—Continued.

<b>Canary, Best Sicily</b> ( <i>Phalaris canariensis</i> ) . . . . .	Per lb.,	10
<b>Hemp</b> ( <i>Cannabis sativa</i> ) . . . . .	Per lb.,	10
<b>Maw</b> ( <i>Papaver Rhoeas</i> ) . . . . .	Per lb.,	15
Lettuce Seed. . . . .	Per lb.,	25
<b>Millet</b> ( <i>Panicum miliaceum</i> ) . . . . .	Per lb.,	08
<b>Rape</b> ( <i>Brassica napus</i> ) . . . . .	Per lb.,	10
<b>Mixed Bird Seed</b> . . . . .	Per lb.,	10
<b>Sunflower, Large Russia</b> . . . . .	Per bushel, 28 lbs., \$2.00; per qt.	10
<b>Gravel for Cages</b> . . . . .	Per box, 5c. <b>Cuttle Fish Bone</b> . . . . .	Each, 2c and 3c

## FRUIT AND VEGETABLE ROOTS AND PLANTS

<b>Asparagus Roots</b> , Conover's Colossal and Palmetto (2 years old) . . . . .	Per 100, 80c; per 1,000, \$6.00
<b>Rhubarb Roots</b> . . . . .	5c each. <b>Horse Radish Roots</b> . . . . .
<b>Strawberry Plants, Currant Bushes, Blackberry Bushes, Raspberry Bushes, Grape Vines and Gooseberry Bushes</b> . . . . .	Per 100, 75c; per dozen, 20 Prices on Application

## QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

<b>Asparagus</b> . . . . .	1 oz. to 60 ft. drill	<b>Pole Beans</b> . . . . .	1 qt. to 150 hills
<b>Beet</b> . . . . .	1 oz. to 50 ft. drill	<b>Corn</b> . . . . .	1 qt. to 200 hills
<b>Carrot</b> . . . . .	1 oz. to 150 ft. drill	<b>Cucumber</b> . . . . .	1 oz. to 50 hills
<b>Endive</b> . . . . .	1 oz. to 150 ft. drill	<b>Water Melon</b> . . . . .	1 oz. to 30 hills
<b>Okra</b> . . . . .	1 oz. to 40 ft. drill	<b>Musk Melon</b> . . . . .	1 oz. to 60 hills
<b>Onion</b> . . . . .	1 oz. to 100 ft. drill	<b>Pumpkin</b> . . . . .	1 oz. to 40 hills
<b>Onion Sets, small</b> . . . . .	1 qt. to 20 ft. drill	<b>Early Squash</b> . . . . .	1 oz. to 50 hills
<b>Parsley</b> . . . . .	1 oz. to 150 ft. drill	<b>Marrow Squash</b> . . . . .	1 oz. to 16 hills
<b>Parsnip</b> . . . . .	1 oz. to 200 ft. drill	<b>Cabbage</b> . . . . .	1 oz. to 3,000 plants
<b>Radish</b> . . . . .	1 oz. to 100 ft. drill	<b>Cauliflower</b> . . . . .	1 oz. to 3,000 plants
<b>Salsify</b> . . . . .	1 oz. to 70 ft. drill	<b>Celery</b> . . . . .	1 oz. to 4,000 plants
<b>Spinach</b> . . . . .	1 oz. to 100 ft. drill	<b>Egg Plant</b> . . . . .	1 oz. to 2,000 plants
<b>Turnip</b> . . . . .	1 oz. to 150 ft. drill	<b>Lettuce</b> . . . . .	1 oz. to 4,000 plants
<b>Peas</b> . . . . .	1 qt. to 100 ft. drill	<b>Pepper</b> . . . . .	1 oz. to 2,000 plants
<b>Dwarf Peas</b> . . . . .	1 qt. to 100 ft. drill	<b>Tomato</b> . . . . .	1 oz. to 2,000 plants

## QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND

<b>Artichokes, Jerusalem</b> . . . . .	3 bu.	<b>Kale, German Greens</b> . . . . .	3 lbs.
<b>Asparagus, in 12-inch drills</b> . . . . .	25 lbs.	<b>Lettuce, in rows; 2½ feet</b> . . . . .	3 lbs.
plants, 4x1¼ feet . . . . .	8,000	<b>Leek, in rows; 2½ feet</b> . . . . .	3 lbs.
<b>Barclay</b> , broadcast . . . . .	2½ bu.	<b>Melon, Water in hills; 8x8 feet</b> . . . . .	3 lbs.
<b>Beans, dwarf, in drills; 2½ feet</b> . . . . .	2½ bu.	<b>Citron, in hills; 4x4 feet</b> . . . . .	2 lbs.
Lima, in drills; 4x4 feet . . . . .	20 qts.	<b>Millet, Pearl, in drills</b> . . . . .	5 lbs.
<b>Pole, in hills, 4x3 feet</b> . . . . .	10 qts.	<b>Golden, broadcast</b> . . . . .	¾ bu.
<b>Beets, in drills, 2½ feet</b> . . . . .	6 to 8 lbs.	<b>Mustard, broadcast</b> . . . . .	12 to 16 qts.
<b>Broom Corn, in hills</b> . . . . .	4 to 6 qts.	<b>Oats, broadcast</b> . . . . .	2 to 3 bu.
<b>Buckwheat, broadcast</b> . . . . .	1 bu.	<b>Onion, in drills</b> . . . . .	5 lbs.
<b>Cabbage, sown in frames</b> . . . . .	6 oz.	In beds for sets . . . . .	5 lbs.
Sown in outdoor beds for trans- planting . . . . .	10 oz.	<b>Parsnips, in drills; 2½ feet</b> . . . . .	5 lbs.
<b>Carrot, in drills; 2½ feet</b> . . . . .	3 lbs.	<b>Peas Early, in drills</b> . . . . .	1½ bu.
<b>Celery Seed</b> . . . . .	8 oz.	<b>Marrowfat, in drills</b> . . . . .	1¼ bu.
Plants, 4x½ feet . . . . .	25,000	<b>Broadcast</b> . . . . .	3 bu.
<b>Chufas, in drills, 2½ feet</b> . . . . .	½ bu.	<b>Potato, cut tubers; in drills</b> . . . . .	8 to 10 bu.
<b>Clover, Alsike</b> . . . . .	5 lbs.	<b>Radish, in drills, 2 feet</b> . . . . .	8 lbs.
Red, alone . . . . .	15 lbs.	<b>Broadcast</b> . . . . .	12 lbs.
White, alone . . . . .	12 lbs.	<b>Pepper Plants, 2½x1 foot</b> . . . . .	17,500 lbs.
White, with other Seeds . . . . .	4 lbs.	<b>Pumpkin, in hills; 8x8 feet</b> . . . . .	2 qts.
<b>Lucerne or Alfalfa</b> . . . . .	15 lbs.	<b>Parsley, in drills; 2 feet</b> . . . . .	4 lbs.
<b>Corn, Sweet</b> . . . . .	8 to 10 qts.	<b>Rye, broadcast</b> . . . . .	1½ to 2 bu.
Field . . . . .	7 to 9 qts.	<b>Salsify, in drills, 2½ feet</b> . . . . .	10 lbs.
For fodder . . . . .	3 bu.	<b>Sorghum, in drills</b> . . . . .	10 to 12 lbs.
<b>Corn Salad, in drills; 10 inches</b> . . . . .	25 lbs.	<b>Spinach, in drills</b> . . . . .	10 lbs.
<b>Cucumber, in hills</b> . . . . .	1½ lbs.	<b>Broadcast</b> . . . . .	30 lbs.
<b>Egg Plants; plants 3x2 feet</b> . . . . .	4 oz.	<b>Turnips, in drills; 2 feet</b> . . . . .	1½ lbs.
<b>Endive, in drills, 2½ feet</b> . . . . .	3 lbs.	<b>Broadcast</b> . . . . .	2 to 3 lbs.
<b>Grass, Hungarian</b> . . . . .	¾ bu.	<b>Tomatoes, in frame</b> . . . . .	4 oz.
Lawn . . . . .	3 to 4 bu.	Plants . . . . .	3,800
Orchard . . . . .	2 to 3 bu.	<b>Wheat, broadcast</b> . . . . .	2 bu.
Rye . . . . .	2 bu.	In drills . . . . .	1¼ bu.
Kentucky Blue . . . . .	3 bu.	<b>Clover, } together (</b> . . . . .	10 lbs. Clover
Timothy . . . . .	¼ bu.	<b>Timothy, } for (</b> . . . . .	¼ bu. Timothy
Red Top . . . . .	3 bu.	<b>Red Top, } one acre (</b> . . . . .	1 bu. Red Top

# HIGH GRADE FERTILIZERS

## MUZZY BROS.' SWIFT "SURE" PHOSPHATE

### FOR GENERAL CROPS, BEST FERTILIZER EVER MANUFACTURED

Stands ahead of anything in the market in Analysis, selling Price and Results. The Great Satisfaction this Fertilizer has given our customers, being so universal, enables us to recommend it as the Leading Artificial Manure in the Market.

#### GUARANTEED ANALYSIS

Nitrogen .....	2.46 to 3.28 per cent.	Total Phos. Acid .....	10 to 11 per cent.
Equal to Ammonia .....	3 to 4 per cent.	Potash Actual .....	6 to 8 per cent.
Available Phos. Acid .....	8 to 10 per cent.	Equal to Sulp. Potash..	11.09 to 12.94 per cent.
Insoluble Phos. Acid.....	1 to 2 per cent.	Ton. (12 bags)	\$35.00 per bag (167 lbs.) \$3.25

## MUZZY BROS.' SWIFT "SURE" SUPER PHOSPHATE

### FOR POTATOES

Nearly every farmer grows Potatoes, and consequently is, with the trucker and market gardener, interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that with a Potato Manure made from first class material, like our "**SWIFT-SURE" SUPER PHOSPHATE FOR POTATOES**", you can grow a larger crop of potatoes than you can with barnyard manure, and have them smoother, free from imperfections and of more uniform size.

#### GUARANTEED ANALYSIS

Nitrogen .....	2.46 to 3.28 per cent.	Total Phos. Acid .....	8 to 11 per cent.
Equal to Ammonia .....	2 to 4 per cent.	Potash Actual .....	7 to 8 per cent.
Available Phos. Acid.....	8 to 10 per cent.	Equal to Sulp. Potash..	12.94 to 14.79 per cent.
Insoluble Phos. Acid.....	1 to 2 per cent.	Ton (12 bags)	\$35.00; per bag (167 lbs.) \$3.25

## MUZZY BROS.' SPECIAL FERTILIZER

Nitrogen .....	1.65 to 2.47 per cent.	Insoluble Phos. Acid .....	1 to 2 per cent.
Equal to Ammonia.....	2 to 3 per cent.	Potash Actual .....	4 to 5 per cent.
Available Phos. Acid.....	8 to 10 per cent.	Equal to Sulp. Potash..	7.40 to 9.25 per cent.
Total Phos. Acid .....	9 to 11 per cent.	Ton (12 bags)	\$30.00; per bag (167 lbs.) \$2.75

## FINE GROUND BONE for Lawns

### AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODORLESS .... GUARANTEED ANALYSIS

.4 to 5 per cent. Ammonia.	45 per cent. Bone Phosphate of Lime.	
5-pound bag for space 20x 25 feet.....	.....	\$0 25
10-pound bag for space 20x 50 feet.....	.....	40
25-pound bag for space 25x100 feet.....	.....	90
50-pound bag for space 50x100 feet.....	.....	1 75
100-pound bag for space $\frac{1}{4}$ acre.....	.....	2 75

## PURE PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

**Quantity Required.** For garden and field crops. 1 to 2 tons per acre— half before plowing, the balance before harrowing. For top dressing grass, use 1 ton per acre in fall or early spring.

Price, 100 lb. bag, \$2.00; per ton of 2,000 lbs. \$30.00; in packages of 2 lbs. 15; 10 lbs. 40c.

## NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown, mixed with wood ashes. Does not exhaust the land.

5 lbs. 35c; 10 lbs. 50c; 25 lbs. \$1.25; 50 lb. \$2.00. Bags trifle over 200 lbs. \$3.50 per 100 lbs.

**HIGH GRADE FERTILIZERS—Continued.****MURIATE OF POTASH****50 per cent. Actual Potash.**

One of the Best Fertilizers for Grass, Wheat, Rye, Oats, Barley, etc. Used with Nitrate of Soda Ground Bone, Acid Phosphate would furnish sufficient available for an increase in yield by 50 per cent. Price, \$3.25 per 100 lbs. \$5.50 Bag of 200 lbs.

**ACID PHOSPHATE****14 to 16 per cent. Available Phosphoric Acid.**

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base. Price, \$1.25 for 100 lbs. \$2.25 Bag of 200 lbs.

**KAINIT****12 per cent. Annual Potash.**

Used mostly where a small amount of Potash is required, is recommended as a good preventive of Grub's Worms. Price, \$1.15 for 100 lbs. \$1.90 Bag of 200 lbs.

**GENERAL LIST OF FLOWER SEEDS****HARDY ANNUALS**

Successive sowing may be made from March to the end of September; March, April and May are the best months for general summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

**HALF HARDY AND TENDER ANNUALS**

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Aster, Balsam, Ten-Weeks' Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

**HARDY BIENNIALS AND PERENNIALS**

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants; their variety is almost endless, producing almost every form of flower and shade of color.

The seed may be sown from May to October, but the best time is May and June. Select for sowing a shady, moist situation, and in order to secure fine, strong plants, sow thinly, and as soon as large enough transplant in showery weather to nursery beds, and finally plant out in October and November; those sown in Autumn are best planted out in March or April, when intended to flower. Many Perennials, if sown early and treated as Annuals will flower

## GENERAL LIST OF FLOWER SEEDS—Continued.

the first season. The Pansy, Petunia, China Pink, and its several splendid varieties, and many others, do better as Annuals than Perennials.

**Half Hardy Biennials and Perennials** may be raised and treated in the same way as recommended for Half Hardy Annuals.

## ANNUALS FOR WINTER BLOOMING

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candy Tuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclinium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dianthus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Verbena Vinca and others.

## Abbreviations and Signs Used in the following List

A.	Annuals, refers to those plants that last but one season, and must be raised annually.	t.	Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.
B.	Biennial, raised one year, bloom and die the next.	cl	Climbing; as Cypress Vine, Morning Glory, etc.
P.	Perennial, lasts two or more seasons.	spr.	Spreading or trailing as Verbena.
h.	Hardy, are those that may be grown at all seasons in open air, without protection.	g.	Greenhouse, those plants which require to be grown under glass.
hh.	Half hardy, require the protection of a frame pit, or handlight till May, when they may be transferred to the open garden.	s.	Shrubs, plants of a shrubbery or bushy habit.

Those Biennials and Perennials marked with a (\*) will bloom the first year if sown early.

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.
<i>Aristolochia</i> Siphon.	tA	8	sc. fruit	10	Beautiful climbing gourd.
<i>Abrobra</i> viridiilora	hhA	spr.	pink	5	Pretty Verbena-like annuals.
<i>Abronia</i> umbellata	hhB	2	white	10	
" fragrant . . . . .	TP	6	various	25	Beautiful bell-shaped flowers.
<i>Abutilon</i> mixed	hhP	3-5	yellow	5	Good for greenhouse or pot-culture.
<i>Acacia</i> mixed	gP	1	various	25	Beautiful tuber-rooted plants.
<i>Achimenes</i> choice mixed	hB	15	pink	10	Mountain Fringe, hardy climber.
* <i>Aklumia</i> cirrhosa	hhA	1	blue	5	
<i>Ageratum</i> Mexicanum	hhA	½	blue	5	Valuable bedding plants of dwarf habit, very free bloomer.
" Imperial dwarf	hhA	1	rose	5	
" Lasseauxii . . . . .	hA	½	white	5	Sweet Alyssum, a well known fragrant flower.
<i>Alyssum</i> sweet . . . . oz. 30c	hP	1	yellow	5	
" Saxatile . . . . .	hhA	4	var. col.	5	
<i>Amaranthus</i> Hendri	hhA	2	red	5	Fine plants for decorating purposes for conservatory and flower garden. Amar, tricolor known as Joseph's coat.
" melancholicus ruber	hhA	3	red	5	
" bicolor ruber . . . .	hhA	3	scarlet	10	
" salicifolius . . . . .	hhA	1	var. col.	5	
" tricolor . . . . oz. 50c	hP	2	purple	10	Excellent for bouquets.
<i>Anchusa</i> augustifolia	gP	2	vio. blue	25	Beautiful ornamental plants.
* <i>Angelonia</i> grandifolia	hP	2	various	5	The Antirrhinum or snapdragon.
* <i>Antirrhinum</i> majus, choice mix	hP	1	various	10	a very useful and showy plant
* " Tom Thumb . . . . .	hP	2	yellow	10	Columbines, handsome free-flowering border plants, perfectly hardy.
<i>Aquilegia</i> chrysanthia	hP	2	sky blue	15	
" coerulea . . . . .	hP	2	various	5	
" choice mixed, double	hP	½	white	10	Rock on border, early flowering
<i>Arabis</i> Alpina	gS	3	red frt.	25	Beautiful scarlet berries
<i>Ardisia</i> crenulata	hP	30	yel. br.	25	Dutchman's Pipe.



ASTER



BALSAM



BRIZA MAXIMA

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.
<i>Asperula azurea setosa</i> .....	hA	1	blue	5	
<i>Asperula odorata</i> (woodruff)....	hP	2-3	white	10	
<i>Aster Queen of market, mixed.</i>	hHA	2	mixed	5	
" " " rose ..	hHA	2	rose	5	
" " " white..	hHA	2	white	5	
" " " lavender	hHA	1	lavender	5	
" Comet, finest mixed.....	hHA	1	mixed	5	
" Chrysanthemum flowered	hHA	½	mixed	5	
" finest mixed .....	hHA	2	mixed	15	
" Washington, mixed.....	hHA	¾	mixed	10	
" Dwarf bouquet, mixed...	hHA	1	mixed	5	
" Mixed China.....oz. 75c	hHA	1½	mixed	5	
<i>Auricula</i> finest mixed.....	hhP	¼	mixed	25	
<i>Azalea indica</i> mixed.....	gS	4	mixed	25	
<i>Balloon Vine</i> .....	hHA	10	wh. g'ri	5	
<i>Balsam</i> mixed double.....	hHA	2	various	5	
" Camelia-flowered mixed	hHA	2	various	5	
" .....oz. 75c	hHA	2	white	5	
" white.....oz. 60c	hHA	2	white	15	
" white Perfection .....	hHA	2	white	15	
" Solferino. ....	hHA	2	striped	10	
" Victoria. ....	hHA	2	spotted	10	
" Apple. ....	hHA	10	yellow	5	
" Pear. ....	hHA	10	yellow	5	
<i>Begonia</i> new hybrids.....	gS	2	various	25	
<i>Bocconia Japonica</i> .....	gS	4	white	10	
<i>Browallia alata</i> .....	hHA	1½	blue	10	
" alata alba .....	hHA	1½	white	10	
<i>Casalia</i> mixed .....	hA	1¾	various	5	
<i>Calceolaria</i> hybrids.....	gP	2	various	50	
" rugosa. ....	hhP	2	various	25	
<i>Calendula Meteor</i> .....	hA	1-3	stripped	5	
" Pongei fl. pl.....	hA	1½	white	5	
<i>Campanula Carpatica</i> .....	hP	1	blue	5	
" alba. ....	hP	1	white	5	
* " pyramidalis. ....	hhP	4	blue	5	
<i>Canary Bird flower</i> .....	hHA	10	yellow	10	
<i>Candytuft</i> crimson.....oz. 40c	hA	1	crimson	5	
" white.....oz. 40c	hA	1	white	5	
" mixed.....oz. 20c	hA	1	various	5	
" rose.....oz. 40c	hA	1	rose	5	
" new carmine.oz. 40c	hA	1	carmine	5	
" Tom Thumb..oz. 40c	hA	½	white	5	



BACHELOR BUTTON



CYCLAMEN



CASTOR BEAN

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.
* <i>Canna gigantea</i> .....	hhP	8	red	10	These stately plants are remarkable for their large and handsome foliage, producing a most luxuriant and tropical appearance.
* " Marshall Vaillant .....	hhP	4-5	orange	10	
* " Fintelmannii. ....	hhP	5	yellow	10	
* " nigrians. ....	hhP	3	red	10	
* " Bihorrelli. ....	hhP	3	scarlet	10	
* " mixed var.....oz. 50c	hhP	3-6	various	5	
* <i>Canterbury Bells</i> , blue.....	hB	3	blue	5	Handsome old-fashioned plants for mixed borders.
* " " white. ....	hB	3	white	5	
* " " mixed. ....	hB	3	mixed	5	
<i>Carduus benedictus</i> .....	hA	3	white	5	Ornamental Thistle.
<i>Carnation</i> finest double.....	hP	2	various	5	The Carnation Pink is indispensable for its rich flavors and delicious perfume.
" mixed for borders....	hP	2	various	5	Handsome silver foliage plants for bedding out of the greenhouse.
<i>Centaurea candidissima</i> . 1,000 \$	hhP	1	wh. fol.	10	Showy annuals, for mixed beds or borders. Double Golden and Burridgei are very handsome. Chrys. indicum and pompon are beautiful Fall flowering Chrysanthemums.
" <i>Clenentei</i> .....	hhP	1	wh. fol.	10	
" <i>gymnocarpa</i> . ½ oz. \$2	hhP	1	wh. fol.	10	
<i>Chrysanthemum</i> annual mixed.	hA	2	various	5	
" double white..	hA	1	white	5	Superb strain; large flowers of beautiful form and color.
"  double golden..	hA	1	orange	15	
" <i>indicum</i> fl. pl..	hA	1	various	10	
" <i>Burridgei</i> imp.	hP	3	various	10	
" pompon fl. pl.	hP	2	various	10	
<i>Cineraria hybridia</i> choicest m'x'd	gP	1½	various	50	New varieties, large double flowers.
" " dwarf mixed.	gP	¾	various	25	
" " double new...	gP	1¼	various	75	
" maritami. ....	hA	1½	yellow	5	Silver foliage bedding plant.
<i>Clarkia puchella</i> .....	hA	1	pink	5	Very pretty free flowering annuals.
" mixed varieties.....	hA	1	various	5	
* <i>Cianthus Dampieri</i> .....	gS	4	scarlet	15	Beautiful greenhouse plant.
<i>Cobaea scandens</i> .....	hhP	20	purple	5	Rapid growing handsome climber.
<i>Coxcomb</i> dwarf, crimson.....	hhA	1	crimson	10	Exceedingly handsome plants. The dwarf varieties are excellent for pot culture. The Glasgow and New Empress Coxcombs are new and very fine.
" Glasgow Prize.....	hhA	¾	purple	10	
" New Empress .....	hhA	1	crimson	10	
" New Japan .....	hhA	3	scarlet	10	
" feathered, mixed .....	hhA	3	various	5	
<i>Coleus</i> from newest varieties...	tP	2	var. fol.	25	One of the most effective plants in carpet bedding.
<i>Collinsia bicolor</i> .....	hA	1	pur. wh.	5	Attractive annuals; if sown in Fall will flower early in Spring
" mixed varieties .....	hA	1	various	5	



CONVOLVULUS MINOR



COWSLIP



DIANTHUS.

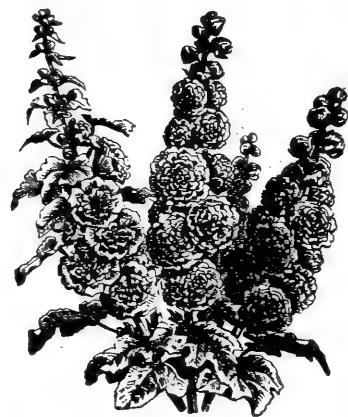
NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.
<b>Convolvulus</b> major.....oz. 15c	hA	10	various	5	{ C Major (Morning Glory) is one of the best known climbers.
" minor.....oz. 30c	hA	1	various	5	
" Mauritanicus.....	hhP	spr.	lavender	10	
<b>Cowslip</b> English .....	hP	¾	mixed	5	{ Favorite Spring flower.
<b>Cyclamen</b> Persicum .....	hhP	½	mixed	10	
" extra choice .....	hhP	½	mixed	25	
" giganteum.....	hhP	½	mixed	25	{ } Beautiful sweet scented greenhouse plants.
<b>Cypress</b> Vine Scarlet.....oz. 50c	tA	10	scarle	5	
" scarlet, ivy leaved oz. 50c				10	
" white.....oz. 50c	tA	10	white	5	
" mixed.....oz. 50c	tA	10	div.	5	{ Well known beautiful climbers.
* <b>Dahlia</b> finest double.....	hhA	6	various	5	
" Lilliputian varieties....	hhA	4	various	25	
" single mixed.....	hhP	3	various	10	
<b>Daisy</b> double.....	hP	¼	various	5	{ Stately autumn flowering plants
<b>Datura</b> chloranta, double.....	hhA	3	yellow	5	
" meteloides.....	hhA	3	w. & b.	5	
<b>Delphinium</b> formosum .....	hP	2	blue	5	{ }
" nudicaule.....	hP	1	scarlet	10	
<b>Devil-in-a-Bush.</b> .....	hA	½	b. & w.	5	
* <b>Dianthus</b> Chenesis, double.....					{ Curious and pretty.
* " Hedgewigii.....	hP	1	mixed	5	
* " diadematus, double...	hP	1	mixed	10	
<b>Dolichos</b> lablab.....oz. 40c	tA	10	purple	5	{ Hyacinth Bean; free growing climber.
" " alba.....		10	white	5	
<b>Erythrina</b> crista galli.....	hhP	4	scarlet	10	
" corallodendron.....	hhP	6	various	25	{ }
<b>Epacris</b> finest mixed.....	gs	2-3	scarlet	50	
<b>Erica</b> finest mixed.....	gs	1-2	various	25	
<b>Eringium</b> Leavenworth.....	hA	2	purple	10	
<b>Eschscholtzia</b> California .....	hA	1	yellow	5	{ }
" Mandarien.....	hA	1	crimson	10	
<b>Everlasting</b> flowers .....	hA	2	various	5	
<b>Ferns</b> mixed varieties.....	gp	2-3	foliage	25	{ For Winter bouquets.
<b>For-get-me-not.</b> .....				5	
<b>Foxglove</b> (Digitalis) .....	hP	3	various	5	
* <b>Four-o'clock</b> (Mirabilis) oz. 30c	hhP	2	various	5	{ }
<b>Fuchsia</b> .....	hhP	3-6	various	25	
* <b>Gaillardia</b> mixed .....	hhP	2	various	5	
<b>Geranium</b> zonale, mixed.....	hhP	1½	various	10	{ }
" Apple scented .....	hhP	1	pink	25	
" Pelargonium, mixed..	hhP	1½	various	50	



EVERLASTING

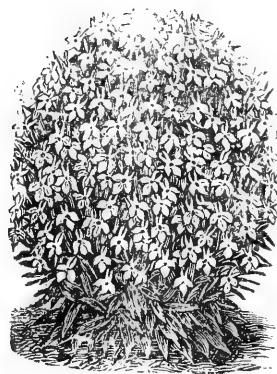


GAILLARDIA

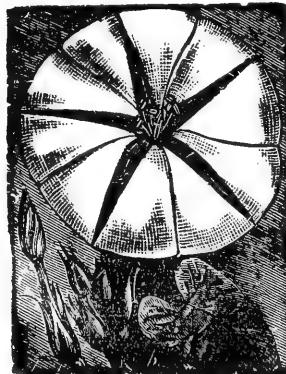


HOLLYOCK

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.
* <i>Gesneria</i> finest mixed .....	gP	1	various	25	Splendid hothouse plants..
<i>Glaucium corniculatum</i> .....	hP	2	yellow	5	A fine ornamental plant.
<i>Gloxinia</i> finest mixed.....	hP	1/2	various	50	Charming house plant
<i>Godetiae</i> Whitney .....	hA	1 1/2	rose	5	Brilliant, profuse flowering har-
" Lady Albemarle.....	hA	1 1/2	crimson	5	dy annuals. See Pyrethrum aureum.
<i>Golden Feathered</i> .....					
<i>Gourd</i> Apple .....	tA	10	yellow	5	
" Bottle.....	tA	10	yellow	5	
" Dipper.....	tA	10	yellow	5	
" Hercules Club .....	tA	10	yellow	5	
" Miniature.....	tA	10	yellow	5	
" Sugar Trough .....	tA	10	yellow	5	
" mixed.....	tA	10	yellow	5	
<i>Helianthus globosus</i> .....	hA	6	orange	5	Superb double Sunflower.
<i>Helichrysum Bacteatum</i> Im-					
mortelle mixed .....	hA	2		5	For winter bouquets.
<i>Heliotrope</i> mixed varieties.....	hhP	1	various	5	Well known, fragrant plants.
* <i>Hollyhock</i> double mixed.....	hB	6		5	
" finest mixed .....	hB	6		25	Sow in June or July for flower-
" pure white .....	hB			10	ing the next Summer.
<i>Ice Plant</i> .....	hhA	spr.	white	5	Curious and pretty.
<i>Ipomoea coccinea</i> .....	hhA	10	scarlet	5	
" Bona Nox .....		10	white	10	
" variegata.....		10	marbled	5	
" leptophylla.....	hP	5	various	10	
" Quamoclit.....	tA	10	purple	5	
" Quamoclit alba .....	tA	10	scarlet	5	
<i>Japanese Morning Glory</i> .....	A	15	varieg'd	5	The popular Cypress Vine.
<i>Lantana</i> mixed varieties.....	hhP	3	various	5	Good for pot or outdoor culture
<i>Larkspur</i> Dwarf Rocket oz. 40c	hA	1	various	5	
" Branching.....	hA	2	various	5	
" Emperor.....	hA	1 1/2	various	10	
<i>Leptosiphon roseus</i> .....	hA	1/2	rose	5	
" densiflorus albus .....	hA	1/2	white	5	
<i>Liatris pycnostachya</i> .....	hP	4	pink	10	
<i>Linum grandiflorum</i> ; scarlet.....	hhA	3	scarlet	5	Kansas Gay Feather.
" flavum.....	hP	1	yellow	5	
<i>Lobelia gracilis</i> .....	hhA	spr.	blue	10	Scarlet Flax, very brilliant.
" Paxtoniana.....	hhA	3/4	b. & w.	10	
" speciosa.....	hhA	1/2	blue	10	
" mixed varieties .....	hhA	1/2		5	
<i>Lophospermum scandens</i> .....	hhA	10	rose	10	
<i>Love-Lies-Bleeding</i> .....	hA	3	crimson	5	Climber, trumpet shaped flower Showy border annual.



LOBELIA



MOONVINE



NASTURTIUM

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Love-in-a-Mist	hA	1	blue	5	Curious and pretty.
Lupinus Cruikshanki	hA	3	b. w. ye	5	Among the handsomest easily
" hybridus insignis	hA	3	dark red	5	grown garden annuals. To
" subcarnosus	hA	1½	r. p. b.	5	produce fine plants, start on
" polyphyllus	hP	3	blue	5	heat, plant separately in pots
" mixed annual	hA	3	various	5	and turn out into rich soil.
Marigold African	hA	2	mixed	5	Fine class of plants for mixed
" French Dwarf	hA	1	mixed	5	beds or borders.
*Marvel of Peru	hhP	2	mixed	5	Four O'clock.
Maurandya alba	hhP	10	mixed	15	One of the most interesting and
" Barclayana	hhP	10	purple	10	useful of climbing plants.
" mixed	hhP	10	various	10	
Mignonette l'ge flowered oz. 25c	hA	1	buff	5	
" pyramidal " oz. 40c	hA	1	buff	5	
" New Giatn pyr'al	hA	1½	buff	5	The new Giant Pyramidal Mile's
" oz. 50c	hA	1½	buff	5	Spiral. The Prize and new
" Milcs' Spiral	hA	1	buff	10	Dwarf compact are varieties
" The Prize oz. 50c	hA	1	buff	10	of recent introduction pro-
" New Dwarf Co'p't	hA	1	buff	10	ducing splendid spikes of de-
" Bird's I'p'r'd. oz. 50c	hA	1½	yellow	10	liciously fragrant bloom.
" Golden Queen....	hA	1	yellow	10	
Mimosa Pulica Sensitive plant	hA			5	
Moon Vine	hA	20	white	5	Leaves are covered with im-
*Mimulus hybridus	hhP	1	various	5	ense white flowers, 6 inches
* " moschatus (Musk Plant)	hhP	½	yellow	5	or more across.
Myosotis palustris	hP	1	blue	5	Stock Plant
" " alba	hP	1	white	5	" moschatus is the well-known
" dissitiflora	hP	½	dk. blue	10	Forget-me-not. These beauti-
" alpestris	hP	spr.	blue	15	ful little flowers succeed best
Nasturtium K'g of Tom Thumbs	hA	1	scarlet	5	in moist situations.
" Tom Thumb, yellow	hA	1	yellow	5	
" Crystal Palace Gen.	hA	1	sul. spt	5	Plant of great beauty, blooming
" King Theodore	hA	1	black	5	profusely in poor soil. The
" Ruby King.....	hA	1	carmine	5	tall varieties are excellent
" Dwarf, mixed oz. 10c	hA	1	various	5	climbers for covering old
" Tall mixed..oz. 10c	hA	6	various	5	walls, trellises, etc.
Nemophila insignis	hA	1	blue	5	
" maculata	hA	1	spotted	5	Very pretty free blooming dwarf
" mixed colors oz. 40c	hA	2	various	5	annuals.
Oenothera	hhP	2	various	10	Evening Primrose.



PETUNIA.

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.
*Pansy mixed colors...oz. \$1.50	hP	1/2	various	5	
* " finest mixed...oz. \$2.50	hP	1/2	various	10	
* " Odier or blotched....	hP	1/2	various	15	
* " Emperor William.....	hP	1/2	blue	15	
* " White. ....	hP	1/2	white	15	
* " King of the Blacks....	hP	1/2	black	15	
Passiflora coerulea .....	hP	10	various	5	
Penstemon mixed varieties....	hP	2	blue	10	
Perilla Nankinensis .....	hhA	2	purple	5	
*Petunia fine mixed....oz. 75c	hhP	2	various	5	
* " finest striped & blotche	hhP	2	various	25	
* " double. ....	hhP	2	various	25	
* " new double tinged....	hhP	2	various	50	
* " Countess of Ellesmere	hhP	2	pr. & w	5	
* " nyctaginiflora. ....	hhP	2	white	5	
Phlox Drummondii alba.....	hhA	1	white	10	
" " coccinea. ....	hhA	1	scarlet	10	
" " atropurpurea.	hhA	1	d. purple	10	
" " Black Warrior	hhA	1	d. red	10	
" " Leopoldi. ....	hhA	1	d. red	10	
" " grandiflora spi	hhA	1	w. er	10	
" " mixed oz. 75c	hhA	1	sc. & w.	10	
Picotee fine mixed.....	hhP	2	various	50	
" extra choice .....	hhP	2	various	50	
*Pink Chinese, double...oz. 75c	hB	1 1/2	various	5	
Polyanthus choice.....	hP		various	25	
Poppy finest mixed double....	hA	1	various	5	
" Shirley. ....	hA	1 1/2	tinted	5	
Portulaca Bedmanii .....	hhA	1/2	white	10	
" Pheasantii. ....	hhA	1/2	salmon	5	
" golden striped.....	hhA	1/2	striped	5	
" splendent. ....	hhA	1/2	purple	5	
" alba. ....	hhA	1/2	white	5	
" Thelusoni. ....	hhA	1/2	scarlet	5	
" Thorburnii. ....	hhA	1/2	yellow	5	
" mixed single...oz. 50c	hhA	1/2	various	5	
" double finest .....	hhA	1/2	various	5	
Primula Sinensis fringed, red...	gp	1/2	red	50	
" " " white	gp	1/2	white	25	
" " " striped	gp	1/2	striped	50	
" " " mixed	gp	1/2	various	25	
" " " double white	gp	1/2	white	75	
" " " red	gp	1/2	red	75	
" " " mixed	gp	1/2	mixed	75	

Valuable early Spring blooming plants. Bugnot's International Pansy is a splendid new strain

Handsome flower spikes.  
Bronze flower foliage.  
Passion flower.

Beautiful bedding or pot plants producing a great variety of charming colors and continuing in bloom all Summer.

The P. Drummondii is one of our very best annuals, noted for richness of color, profusion of blossom, and length of duration in bloom. No garden should be without a bed of it.

Rich and beautiful colors.

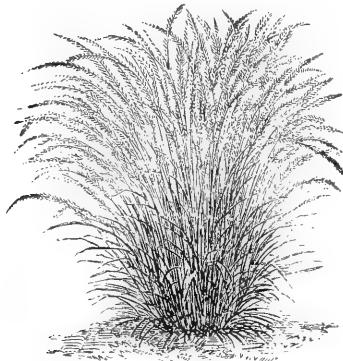
See Dianthus.

Lovely Spring flower.

Very beautiful hardy perennials.

This popular annual is unrivaled for brilliancy of color, and is of the easiest culture; the double varieties are especially beautiful, resembling miniature roses in form.

Chinese Primrose; is an invaluable and very beautiful class of Spring and Winter decoration of the greenhouse, conservatory or drawing room.



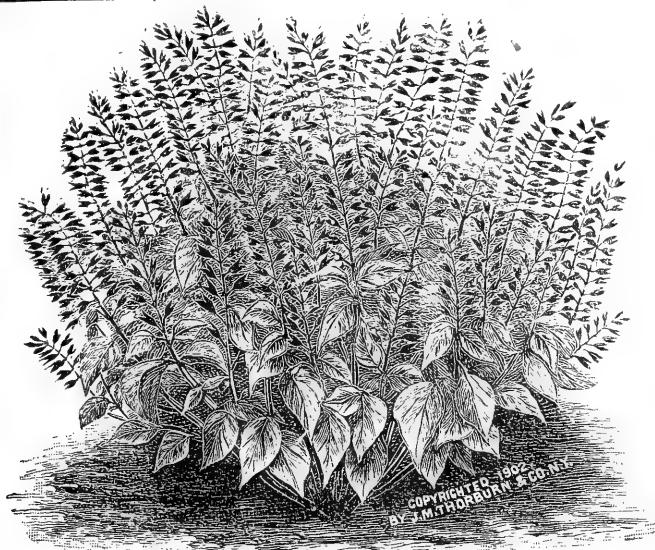
SENSITIVE PLANT



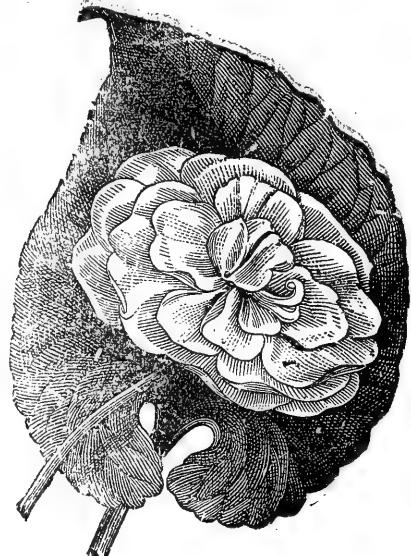
STIPA.

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
* <i>Pyrethrum carneum</i> .....	hA	1½	flesh	10	
* " Golden Feather .....	hA	½	yellow	10	
* " Golden Gem .....	hA	½	yellow	5	
<i>Rocket</i> Sweet white .....	hA	2	white	5	
" purple .....	hA	2	purple	5	
" mixed .....	hA	2	mixed	5	
<i>Ricinus</i> <i>Borboniensis arboreus</i> .....	hhA	15	violet	5	
" <i>Duchess of Edinburgh</i> .....	hhA	8	violet	5	
" <i>Gibsoni</i> .....	hhA	5	red. fol.	5	
" <i>sanguineus</i> .....	hhA	8	red fol.	5	
" mixed varieties, oz. 30c	hhA		various	5	
<i>Salpiglossis</i> mixed .....	hhA	1	various	5	
<i>Salvia</i> <i>Splendens</i> .....	hhP	3	scarlet	5	
" <i>Alba</i> .....	hhP	3	white	25	
" <i>patens</i> .....	hhP	3	blue	25	
<i>Sanvitalia procumbens</i> fl. pl. ....	hA	spr.	yellow	10	
<i>Saponaria calabrica</i> .....	hA	1	pink	5	
* <i>Scabiosa</i> dwarf double .....	hB	1½	various	5	
" <i>candidissima</i> .....	hB	2	white	5	
<i>Sensitive</i> Plant .....	TA	1	pink	5	
<i>Silene pendula compacta</i> .....	hA	½	pink	5	
<i>Smilax</i> ( <i>Myrasiphyllo</i> ) .....	gP	6	white	10	
<i>Snapdragon</i> .....					See <i>Antirrhinum</i> .
<i>Solanum capsicastrum</i> .....	hhP	1	sc. fruit	5	
" <i>Weatherill's hybrids</i> .....	hhA	biv.	various	5	
<i>Stock</i> German Ten Weeks mxd. ....	hhA	1	various	5	
" " large flowering .....	hhA	1	various	10	
" " dwarf pyramid .....	hhA	1	various	15	
" " pure white .....	hhA	1	white	15	
" " blood red .....	hhA	1	b. red	15	
" " canary yellow .....	hhA	1	yellow	15	
" " Wallflower le'v'd .....	hhA	2	various	10	
" Intermediate white .....	hhB	2	white	10	
" " crimson .....	hhB	2	crimson	10	
" Brompton or winter .....	hhB	2	mixed	10	
" Emperor or Perpetual .....	hhP	2	mixed	10	
<i>Sweet Pea</i> Navy Blue .....	hA	5	pure bl.	5	
" Pink Friar .....	hA	5	pink	5	
" Mars .....	hA	5	scarlet	5	
" Blanche Ferry .....	hA	5	p. pink	5	
" Blanche Burpee .....	hA	5	lg. white	5	
" Dorothy Tennant .....	hA	5	monoë	5	
" Emily Eckford .....	hA	5	hel'trope	5	
" Mrs. Eckford .....	hA	5	yellow	5	

A beautiful and highly popular class of hardy annual climbers deliciously fragrant.



SALVIA SPLENDENS.



VIOLET

NAME.	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS.	
Sweet Pea	Finest Mixed oz 20c	hA	5	various	5	
" " Dwarf Cupid..oz. 20c	hA	5	various	5		
Sweet William auricula flowered	hP	1 1/2	mixed	5		
" " double mixed ...	hP	1	mixed	5		
Taconia Van Volxemii.....	gP	6	scarlet	25		
Tagetes pumila .....	hA	1	yellow	5		
Thunbergia alata .....	hhA	5	buff	10		
" alba .....	hhA	5	white	10		
" Freyeri .....	hhA	5	orange	10		
" mixed .....	hhA	5	various	10		
*Torenia Bailloni .....	hhB	1	yellow	25		
* " Fournieri.....	hhB	1	blue	25		
Tritoma Uvaria .....	hhP	4	red	10		
Tropaeolum Lobbianam..oz. 10	hhA	6	various	10		
" Spitfire .....	hhA	6	scarlet	10		
" peregrinum can. b fl	hhA	10	yellow	5		
*Verbenia mammoth mx. oz. \$2	hhP	spr.	various	5		
* " finest mixed....oz. \$5	hhP	spr.	various	5		
* " scarlet .....	hhP	spr.	scarlet	10		
* " white .....	hhP	spr.	white	10		
*Vinca alba .....	tP	2	white	10		
* " rosea .....	tP	2	rose	10		
* " alba oculata .....	tP	2	d. eye	10		
*Violet sweet scented.....	hP	1/2	blue	10		
* " The Czar .....	hP	1/2	blue	5		
Wallflower single .....	hhP	2	mixed	5		
" double .....	hhP	2	mixed	10		
*Whitlava grandiflora .....	hA	1	purple	5		
* " gloxinoides .....	hA	2	b. & w	5		
Wild Cucumber .....	hA	20	white	5		
Wild Flower Garden .....						
Zinnia elegans double...oz. 50c	hhA	5	mixed	5		
" haageana fl. pl.....	hhA	10	orange	10		

## AMMONIATED FLOWER FOOD

A dressing made expressly for plants grown in the house, garden or conservatory. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants free from vermin.

This Ammoniated food was the first odorless chemical preparation made and sold in this country. It is made expressly for flowers grown in the house, garden or conservatory, and contains the same plant food as stable dressing, but in a cleaner and more soluble form.

Price 15 cents per package.

## ROSEBUSHES, BULBS ETC.

**Hardy Roses.** Two year old, Holland grown, our own Importation. We carry the largest assortment of **Rosebushes** in the state. Both hardy and ever blooming we append a partial list of the varieties we carry in stock for immediate delivery—they will produce a full crop of blooms the first summer.

**American Beauty.** Rich, rosy-rimmon. Very large.

**F. D. Druschki, White American Beauty.** Very large, pure snow white.

**Baroness Rothschild.** Bright, rosy pink. Immense size.

**Crimson Rambler.** Immense cluster bright red flower—very quick grower and hardy.

**Thalia, White Rambler.** Same as Crimson, cut with pure white blooms, hardy.

**Aglaya, Yellow Rambler.** Yellow blooms in big clusters, hardy.

**Euphrasine, Pink Rambler.**

**Gen'l. Jack.** Large, brilliant blood red blooms. Fine Bloomer.

**Killarney Pink.** Extra fine.

**La France Pink.** One of the sweetest and most beautiful roses grown. Large, silvery pink. Blooms till frost.

**La France Red.** Large blooms of brilliant rose pink almost crimson.

**La France White.** Same as above two, but blooms are pure white. Very fine bloomer.

**Marechal Neil.** Large, clear yellow. Ever bloomer.

**Magna Charta.** Rosy rimmon. Large buds and blooms.

**Mrs. John Laing.** Clear shining pink, beautifully shaded.

**P. des Blanches.**

**U. Brunner.** Cherry red.

**Perle de Lyon.** Deep golden. Ever bloomer.

**Paul Neyron.** Dark rose, very large and fragrant.  
Price 15c each.

**Tube Roses.** One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year around. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May or as soon as the ground becomes warm. 1c and 2c each.

**Gladiolus, Extra Fine Mixed.** With a view to so supplying a high grade mixture at moderate prices we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Child's hybrids and other best mixtures which will insure a large variety of shades and colors. This is truly a banner strain. Price 3c each; 25c dozen.

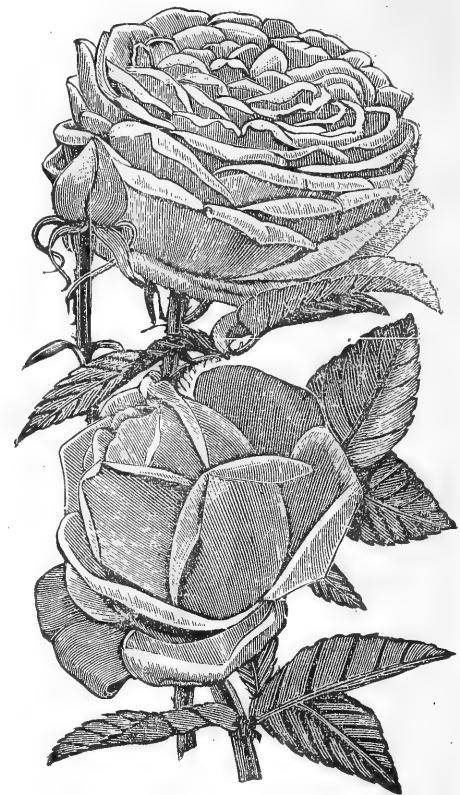
**Dahlias.** Our Dahlia roots are exceptionally fine this year, being Southern grown, and true to name and color. We carry a large assortment of colors. 10c each.

**Caladium Esculentum.** Elephant's ears. One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get the best results plant in rich soil and give plenty of water. 5c, 10c, 15c each.

**Paeonies.** No other plant flowering at the same season can vie with the Paeony for beauty. They are perfectly hardy, requiring no protection whatever are not troubled with insects or disease, and once planted take care of themselves. Price 20c each.



TUBE ROSE.



TEA ROSES.



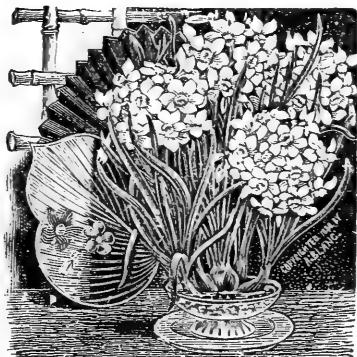
GLADIOLUS



DAHLIAS



HYACINTHS.



NARCISSUS.

**BULBS—Continued.**

**Cannas.** Extra strong roots 5c each.

**Rhododendrons.** Fine large plants. Holland Grown, \$1.00.

**Hydrangeas,** fine quality. Holland Grown.

Snow Ball.

Magnolias.

Box Wood Bushes.

Comfers.

**Flowering Bulbs for Autumn Planting**

Being pioneers in the Bulb line for over fifty years we are in a position to give you the best value for the least money. It is poor economy buying unreliable Bulbs, for us simply love's labor lost. We want to gain your confidence, and if once gained, we assure you we will retain it and give you what you ask for without substituting.

**HYACINTHS**

**Hyacinths, Double.** Light blue, white, dark blue and yellow.

**Hyacinths, Single.** Blue, pink, yellow, white.

**Hyacinths, Roman.** Blue pink, white, etc.

**TULIPS.**

**Tulips, Single.** Mixed.

**Tulips, Double.** Mixed.

**Tulips, Single Chrysolora.** Yellow.

**Tulips, Single Artus Red.**

**Tulips, Single La Immanuelae..** White.



HYACINTHS.



TULIPS.



EASTER LILLIES

Tulips, Keyserkroon. Red and yellow.

Tulips, Cottage Maid. Pink.

Tulips, Pottebakker. White and Red.

Tulips, Darwin. Extra long.

Tulips, Marillo. Pink; double.

Narcissus, Single. Mixed.

Narcissus, Double. Mixed.

Narcissus, Von Sion Double. Yellow.

Narcissus. Paper white, single white.

Narcissus, Trumpet Major, Single. Yellow

Crocas. Blues, striped, white and yellow.

Lillies, Easter.

Lillies, Calla.

Lillies, Chinese.

Snowdrops.

Jonquiles.

Freesia..

Oxalis, etc.

## PRICES OF GARDEN ARCHES AND VERANDA TRELLISES

### GARDEN ARCHES

Height	Width	Span	Price each Painted Green
5 feet	12 inches	2½ feet.....	\$4 00
6 feet	12 inches	2½ feet.....	4 50
8 feet	18 inches	4 feet.....	8 00
8 feet	36 inches	4 feet.....	12 00

### VERANDA TRELLISES

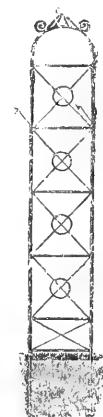
Any size Arbor or Trellis made to order

Height	Width	Price each
5 feet	12 inches.....	\$1 50
6 feet	12 inches.....	2 50
8 feet	18 inches.....	3 50
10 feet	18 inches.....	5 00
12 feet	18 inches.....	

Arches are crated knocked down for shipment.

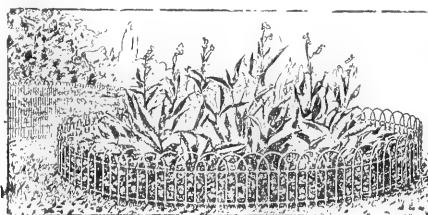
### VERANDA TRELLISES

### TRELLIS



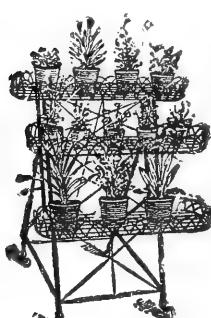
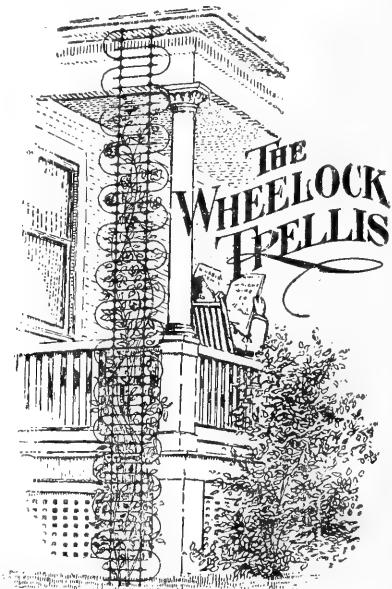
### THE WHEELOCK THRELLIS

13 inches wide.....	10 cents a foot
19 inches wide.....	12 cents a foot



### FLOWER BED GUARD.

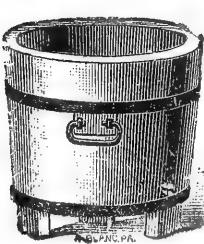
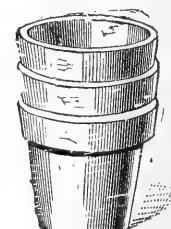
16 inches high.....	8c and 10 cents a foot
22 inches high.....	10c and 12 cents a foot



### WIRE AND WOOD FLOWER STANDS.

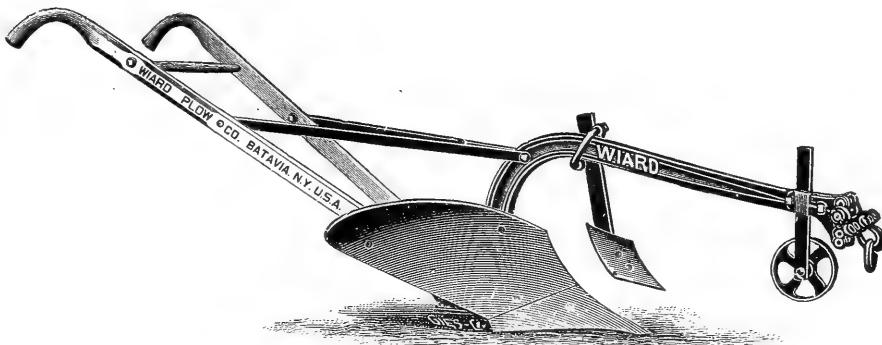
1 Step Wire Flower Stand 24 in..	\$1 00
1 Step Wire Flower Stand 30 in..	1 75
2 Step Wire Flower Stand.....	2 50
3 Step Wire Flower Stand.....	3 50
3 Step Wood Flower Stand.....	1 00
4 Step Wood Flower Stand.....	1 75

Tree Tubs. No. 1 Round.....	\$0 98
Tree Tubs. No. 2 Round.....	1 39
Tree Tubs. No. 3 Round.....	1 75
Tree Tubs. No. 4 Round.....	2 50
Tree Tubs. Small Squares .....	98
Tree Tubs. Medium Square .....	1 39
Tree Tubs. Large Square .....	1 50
Flower Pots. Finest quality machine made in sizes 2½ inches to 14 inches.	

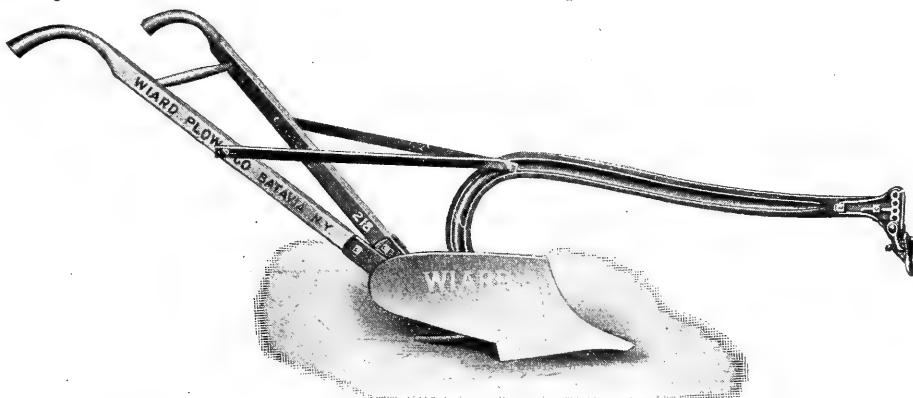


Indurated Fiber Rolling Stands for large flower pots and tree tubs.  
Scollay Rubber Sprinklers. 40c, 65c and \$1.00. Flowers and Clothes Sprinkler 35 cents.

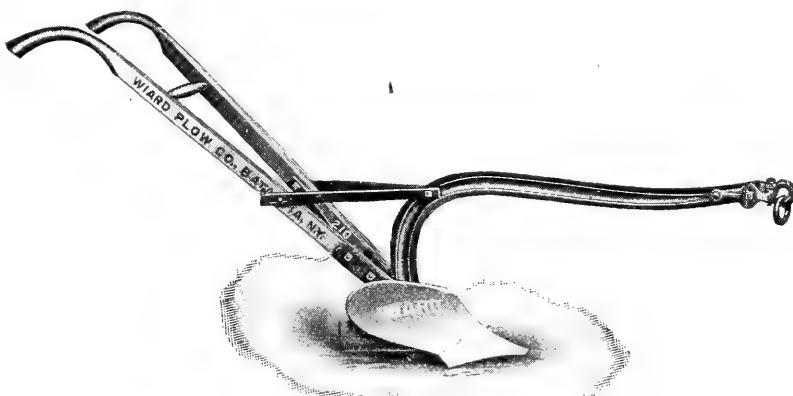
# THE WIARD PLOW



No. 100—Right hand with Steel Moldboard, Grooved Steel Beam, light, but very strong. Weight 106 lbs Full rigged.....	\$13 98
No. 43—Same as No.100, except it has a chilled Moldboard for general purpose, plowing in any soil and under all conditions; it has no equal .....	11 98



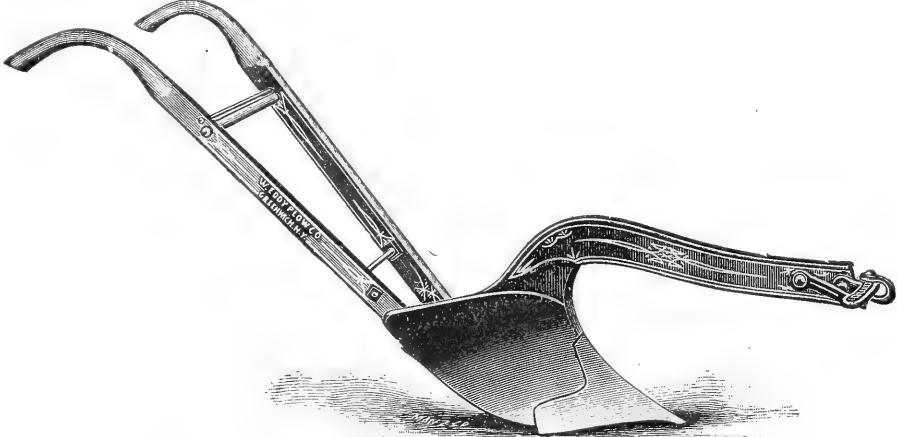
No. 218—Light Two Horse, Chilled Moldboard, Sloping Landside, with wheel and Jointer. Weight 99 lbs. Price.....	\$10 98
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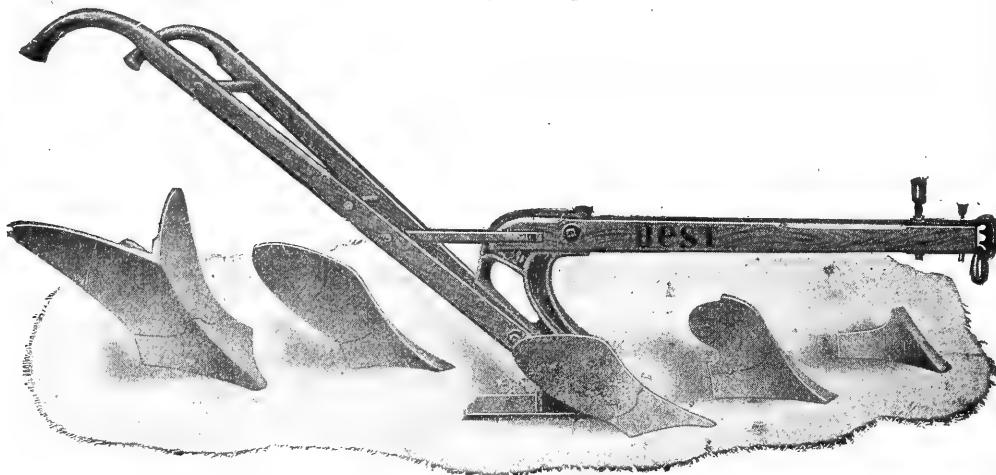
No. 210—New 1-Horse Plow Steel Beam, very fine.....	\$ 5 80
No. 72—Light Two Horse, Steel Beam, Righ hand.....	11 98
No. 17—Two Horse Wood Beam, full Rigged, Chilled Moldboard.....	11 90
No. 62—Small, One Horse, Wood Beam, with Clevis only.....	3 98
No. 31—Light One Horse, Wood Beam, with Clevis only.....	5 50
No. 91—Two Horse, Steel Beam, Right hand.....	11 98
No. 10—One Horse, Wood Beam, Righ hand, Chilled Moldboard, Adjustable Handles for height and running close to rows.....	6 50

**REPAIRS FOR ABOVE PLOWS ALWAYS IN STOCK**

No. 115x—Swivel, Ligh Two Horse, Charcoal Iron Beam, Full Rigged with Colter and Adjustable Clevis.....	\$13 98
No. 21—Swivel, One Horse, Cast Moldboard, Wood Beam.....	7 98
Weeder—7½ feet wide, adjustable spring steel teeth.....	7 98



No. 24—One Horse, Cuts 10 Inches, Weight 50 lbs..... \$ 5 48  
**It has Clevis that permits horse to walk in furrow. An excellent Plow. Low in price, Chilled Iron. Landside chilled on bottom; is very strong and convenient.**



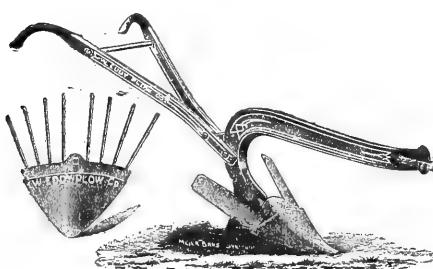
#### THE BEST PLOW

This is the best one horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shears that come with the Plow, the purchaser actually has four plows in one. Price complete..... \$4 98

No. 1½ Moldboard and Share makes a large one horse Plow.

No. 2½ Moldboard and Share making a medium sized one horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

#### MITCHELL POTATO DIGGER AND SHOVEL PLOW COMBINED



Price with wings only.....	\$5 00
" " Potato Digger.....	6 00
" " Wing and Potato Digger attachment.....	7 98

This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a **Shovel Plow or Potato Digger**. The fingers are adjustable, being held in position by the plow point. Thus in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are of steel, rendering it light strong and durable.

## Darnell' Patent Furrower and Marker

In presenting the numberous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which make a mere mark as a guide for the plow which follows, thus increasing the work instead of lessening it.

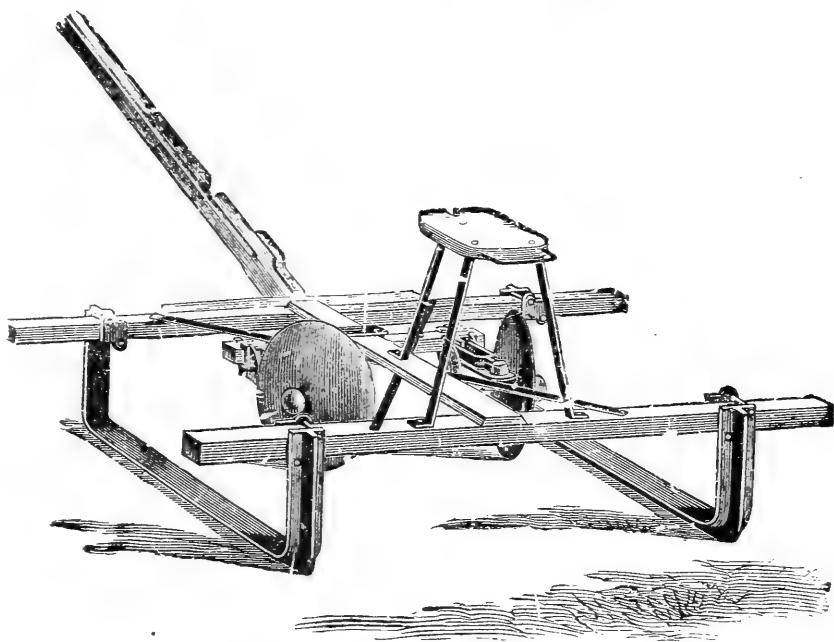
We have a genial everborrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

We ride while he walks.

We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

We open two furrows while he opens one in clean ground, and do it better.

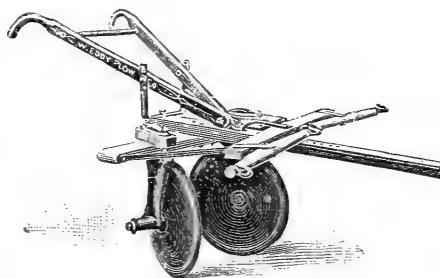
**Price \$18.00**



### THE EDDY IMPROVED MARKER

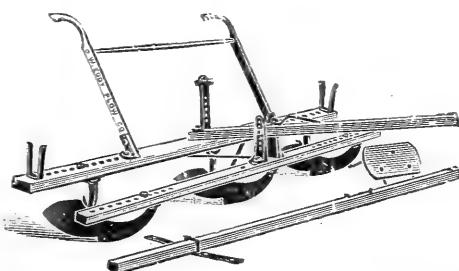
These Markers have chilled Shoes of Runners with steel wings bolted on, and may be easily replaced when worn. Frames made of seasoned oak firmly braced and bolted together, arranged with holes permitting the adjustment of the shoe to any width desired. Gauge is adjustable and swing to either side. It will save time enough to pay for it in one season also improve the looks of your fields. Price.....\$11.00

### EDDY'S NO. 10 DISC HOE AND COVERER



The Eddy Disc Hoe and Coverer have 20 inch steel Discs, adjustable handles and are invaluable for covering and ridging all kinds of row crops. Adjustable in every way it is one of the best implements on the market.

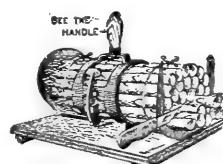
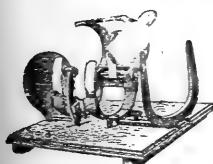
**Price . . . \$10.00**



### ACME ASPARAGUS BUNCHER

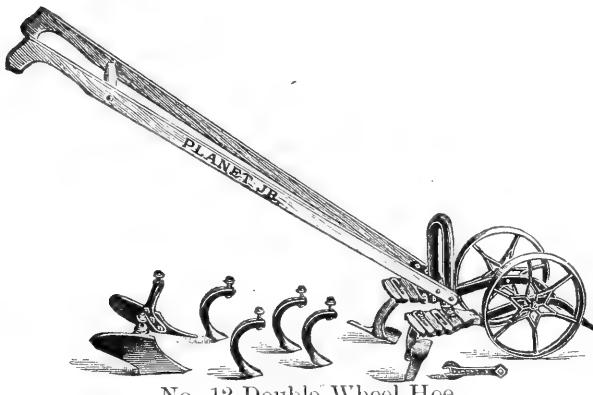
A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. This is the latest pattern, 1907 patent.

**Price . . . \$1.75**

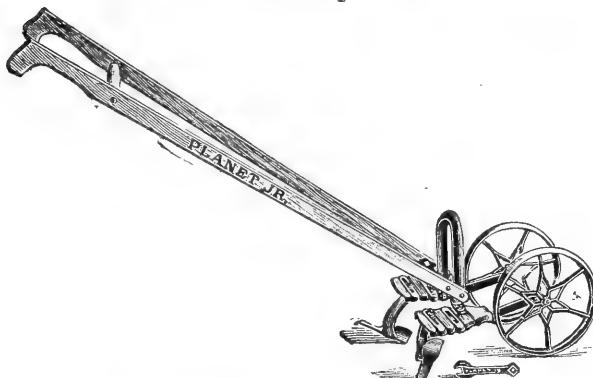


# Planet Jr. Garden Tools

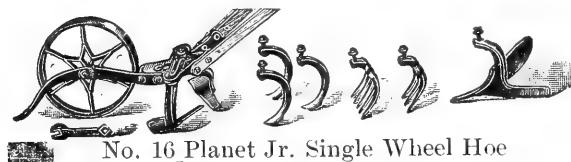
The Planet Jr. Wheel Hoes are the greatest cultivating tools in the world for every grower of garden crops from drilled seed. They do more and do it better and easier than can possibly be done in any other way. The frame is steel.



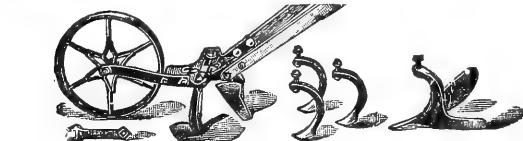
No. 12 Double Wheel Hoe



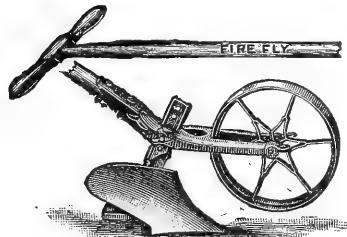
No. 13 Double Wheel Hoe



No. 16 Planet Jr. Single Wheel Hoe



No. 17 Planet Jr. Single Whee Hoe



## NO. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.

Weight 34 lbs. Price \$6.50.  
Steel Frame

The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use 6-inch hoes for rows 12 inches and upwards.

The plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

## NO. 13 DOUBLE WHEEL HOE.

Price, \$4.50. Weight, 29 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 12 may be added at any time.

## NO. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW

Price \$5.35. Weight 25 lb.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

All our wheel hoe tools are of a special pattern, carefully tested by practical men; no others are offered compare with them. All the steel parts are high carbon steel, oil tempered finely formed, finished and polished and work to a charm.

## NO. 17 PLANET JR. SINGLE WHEEL HOE

Price, \$4.75. Weight, 23 lbs.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

## NO. 18 SINGLE WHEEL HOE.

Price, \$3.50. Weight, 20 lbs.

This tool has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other tools can be added as needed.

## FIRE FLY GARDEN PLOW, PRICE \$2.25.

### THIS TOOL IS EXCEEDINGLY USEFUL to owners of

small gardens. It will throw a furrow four to six inches wide and one to three inches deep, and deeper by going twice. Furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed the row and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

# Planet Jr. Garden Tools

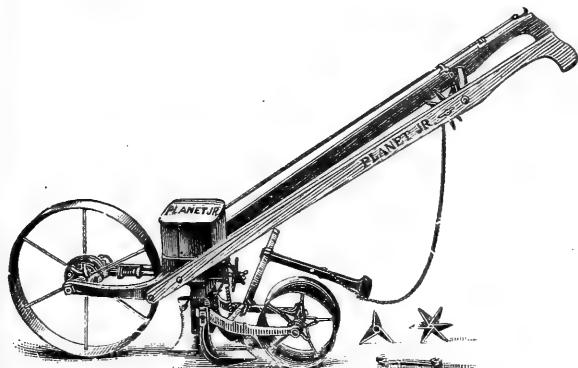
The new "PLANET JR." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



**Price, Complete, \$10.50. Weight, 53 lbs.  
As a Seeder Only, \$8.50. Holds 2½ Quarts of seed**

## No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty. It is a practical, every day, time, labor and money saver.



**Price \$10.00. 15-inch Steel Driving Wheel. Holds 3 Quarts of Seed. Weight, packed, 48 lbs.**

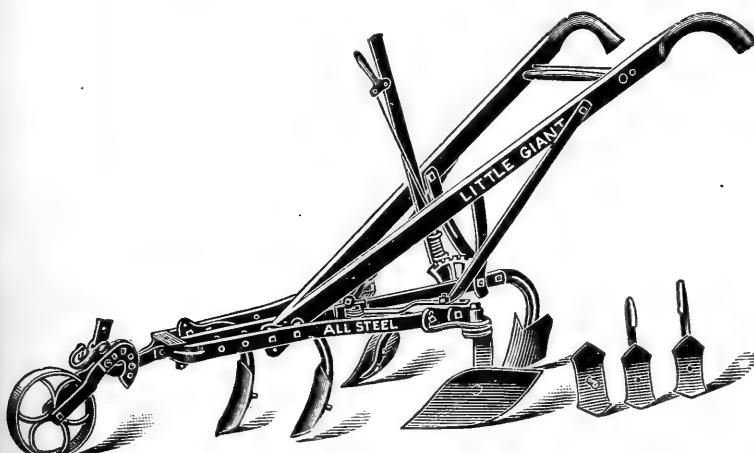
A favorite among union growers, market gardeners and seedsmen.

## No. 3 Planet Jr. Hill and Drill Seeder.

**The hill dropping** is simple and reliable; making hills either 4, 6, 8, 12 or 24 inches apart.

**Changes of distance** between hills may be made in less than a minute, by substituting one gauge wheel for another.

**The Index.**—The thickness of seed is regulated by an accurate index with brass screw indicator; it contains the names of the important seeds, and is carefully graduated **both for hills and drills.** In plain view at the top of handle.

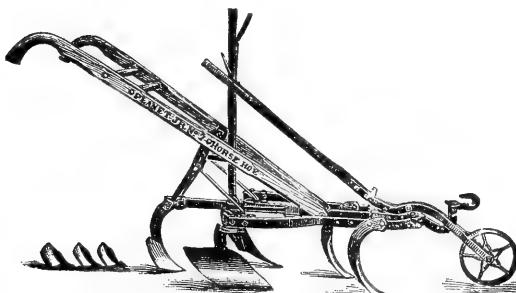


## STEEL HOE AND CULTIVATOR

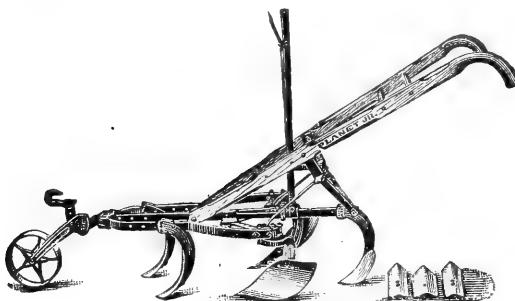
This is our new Steel Hoe and Cultivator. It has an expanding lever with an adjustable wheel. Will find it a first class tool at low price. **\$4.98.**

# Planet Jr. Garden Tools

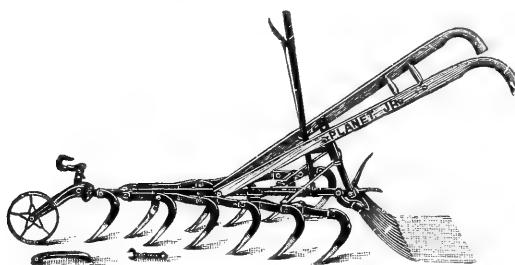
We offer these tools as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any work of which they are not capable.



No. 7 Planet Jr. Horse Hoe and Cultivator



No. 9 Planet Jr. Horse Hoe and Cultivator



Planet Jr. Twelve Tooth Harrow, Cultivator and Pulverizer



Horse Hoe Plow Attachment.

## 7 PLANET JR. HORSE HOE AND CULTIVATOR.

Price, \$7.93. Weight, packed, 77 lbs.

No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from centre again.

## NO. 9 PLANET PR. HORSE HOE AND CULTIVATOR

Price, \$7.25. Weight, packed, 70 lbs.

This admirable tool is identical with No. 7, except that it has a plain wheel instead of lever wheel. It has the high frame, patented hollow steel standards, patent Star wheel patent lever expander, and hollow steel wheel arms.

Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

## PLANET JR. TWELVE-TOOTH HARROW, CULTIVATOR AND PULVERIZER.

Complete, \$8.50. Weight, packed, 73 lbs.

Without Pulverizer, \$6.90.

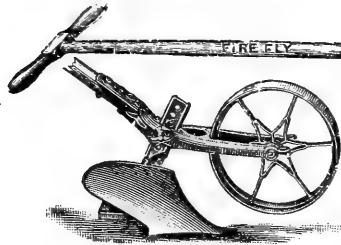
Without Pulverizer or Wheel, \$5.70.

Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It is a special favorite with strawberry growers, market gardeners and truckers.

**THE HORSE HOE PLOW ATTACHMENT** is intended particularly for the small farmer who wants a combined plow, hoe, cultivator, furrower and ridger for one horse. With this combination he can plow his ground in the spring by going twice in the furrow and then care for his crops during the whole cultivating season.

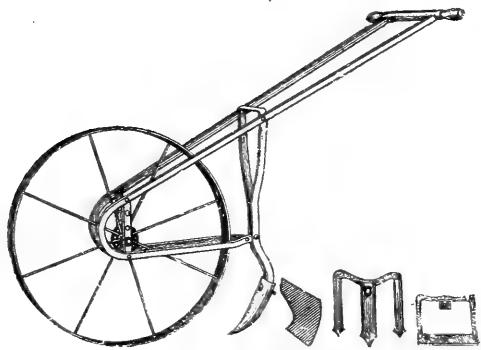
It cuts a furrow six to eight inches wide and two to four inches deep. The wheel should always be used. The plow fits Nos. 4, 7, 8 and 9 Horse Hoes and Cultivators. Price \$4.00.

**PLANET JR.  
Fire Fly Garden Plow  
PRICE \$2.25**



**NEW SINGLE WHEEL HOE**

A first class article at a Low Price  
**ONLY \$3.98**



Rubber Bucket Pumps and Extra Fittings

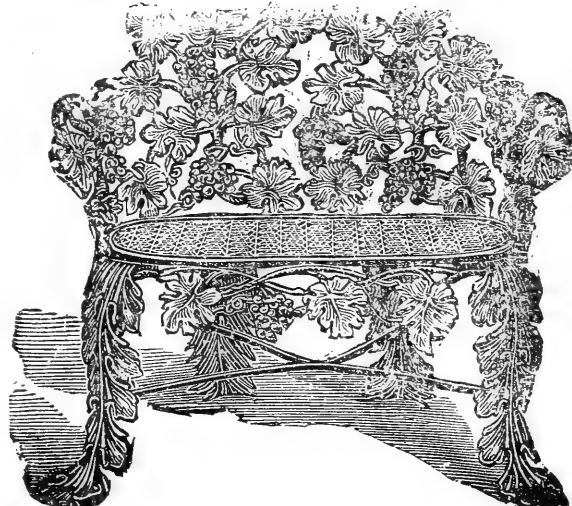


**WATERING POTS**

Japanned . . . . .	15c. to 59c.
Galvanized . . . . .	35c. to 98c.

Extension Spouts for galvanized cans extra.

**MUZZY BROS. SETTEE**



Galvanized Iron Grape Vine, 3 seat . . . . .	\$13.50
No. 3 Six feet long, bolted slats . . . . .	4.48

This is a strong, well made and neatly finished Settee. The timber used in its construction is of the best quality, straight grained and tough. Ash is the wood used unless otherwise ordered.

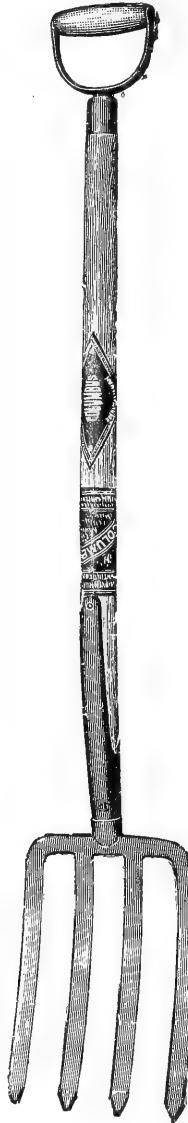
No. 20 Lawn Settee . . . . .	\$0.75
No. 27 Lawn Settee, narrow screwed slats . . . . .	98
No. 28 Lawn Settee, narrow screwed slats, extra large . . . . .	1.50
Galvanized Wire . . . . .	8.50
Galvanized Iron, 1 seat . . . . .	4.00



Six Tine Manure  
Fork,  
Strapped, 98c



Five Tine Manure  
Fork,  
Strapped, 89c



Four Tine Spading  
Fork, Strapped, 75c  
Plain, 59c



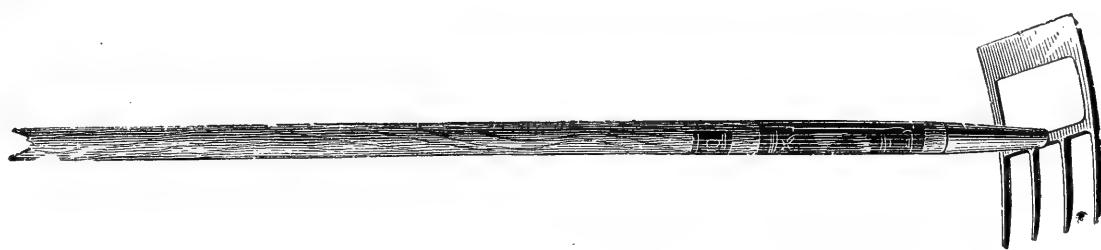
Five Tine  
Spading Fork  
Strapped, 98c



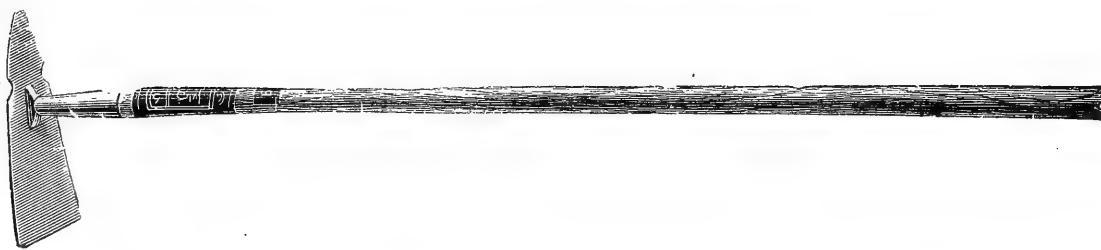
Two Tine Hay Fork, 5 foot handle, 38c



Three Tine Hay Fork, 5 ft. handle, plain 50c Strapped, 60c. 5½ ft. handle, plain, 55c Strapped, 65c



Two Prong Onion Hoe, 30c. Foua Prong Weeding Hoe, Malleable, 25c.  
Six Prong Weeding Hoe, Malleable, 25c.



One Prong Onion Hoe, 25c.

Two Prong Onion Hoe, 30c.



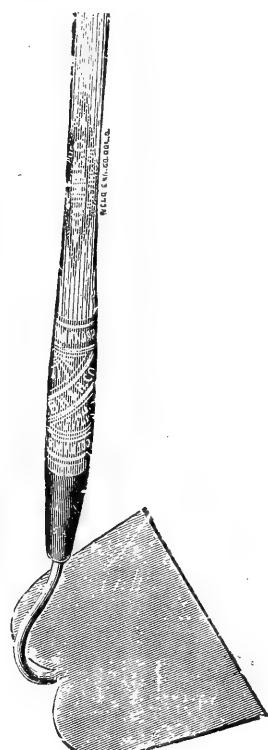
Four Prong Potato  
Hook 45c.



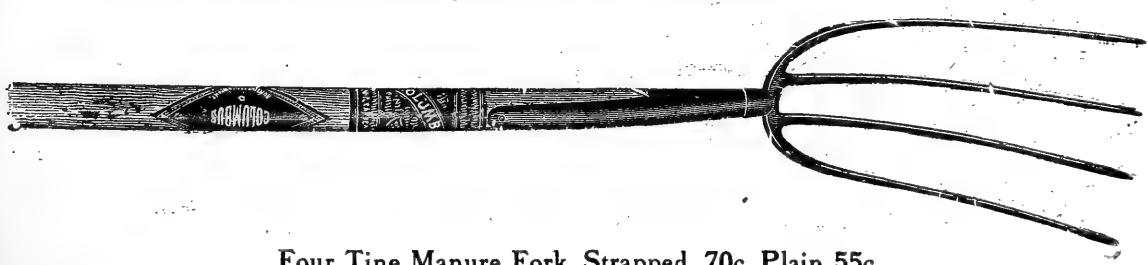
Four Prong Potato  
Hook, Heavy, 50c.



Six Prong Potato  
Hook 60c.



Socket Field Hoe 40c  
Riveted, 25c.

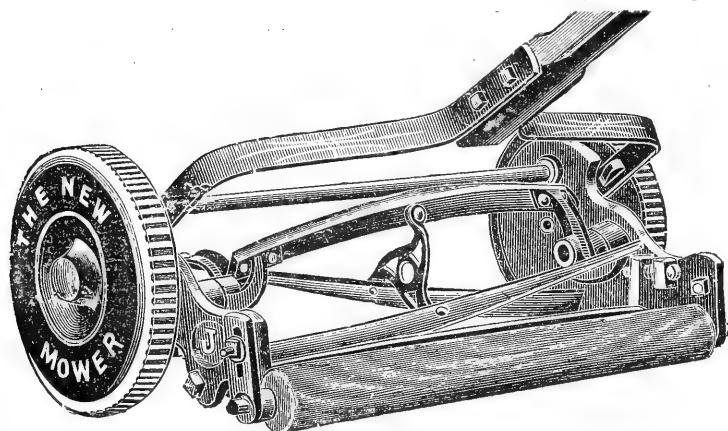


Four Tine Manure Fork, Strapped, 70c. Plain 55c.

# LAWN MOWERS

All of our different styles of **Lawn Mowers** this year are made by the **Philadelphia Lawn Mower Co.**, the Largest and Best Manufacturers of Lawn Mowers in the **World**. Our cheapest as well as our most expensive Mowers being made by this firm, we are the **SOLE AGENTS** in this section of the State.

THE NEW PATERSON MOWER **\$2.25**



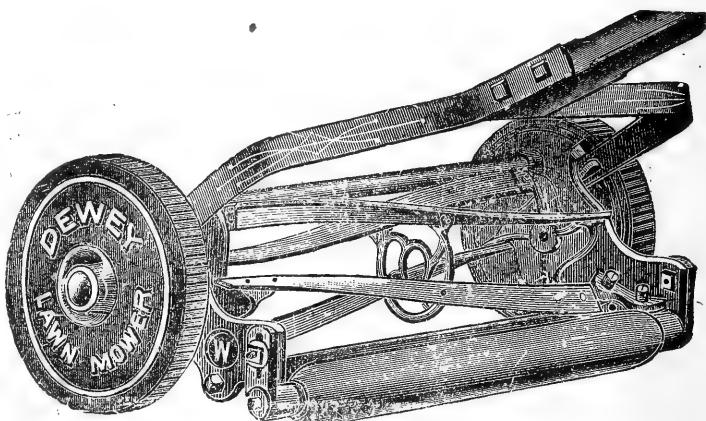
The new Paterson Lawn Mower, 3 blades. Height of driving wheels, 8 inches. Diameter of cylinder,  $5\frac{1}{4}$  in. Geared on both wheels. This is the best cheap mower on the market.

Price, all sizes, **\$2.25**

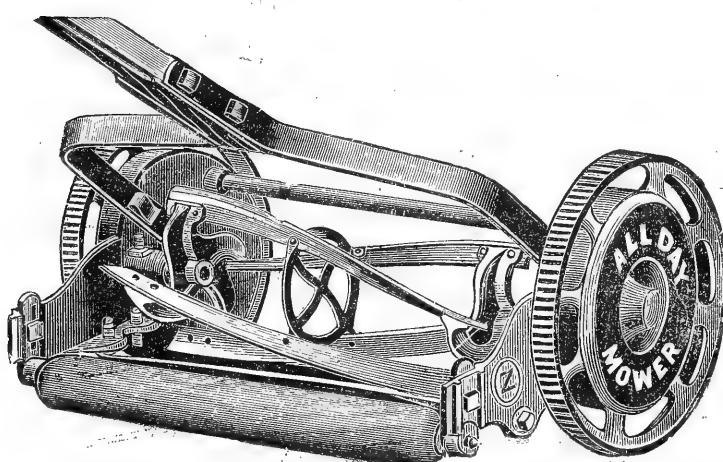
THE MUZZY LAWN MOWER, **\$3.48**

The Muzzy Lawn Mower, 4 blades, height driving wheels 9 inches. Geared on both wheels. Does good work and superior to many of the so-called first class Mowers.

Price, all sizes, **\$3.48**



MUZZY HIGH WHEEL MOWER, **\$4.50 UP**



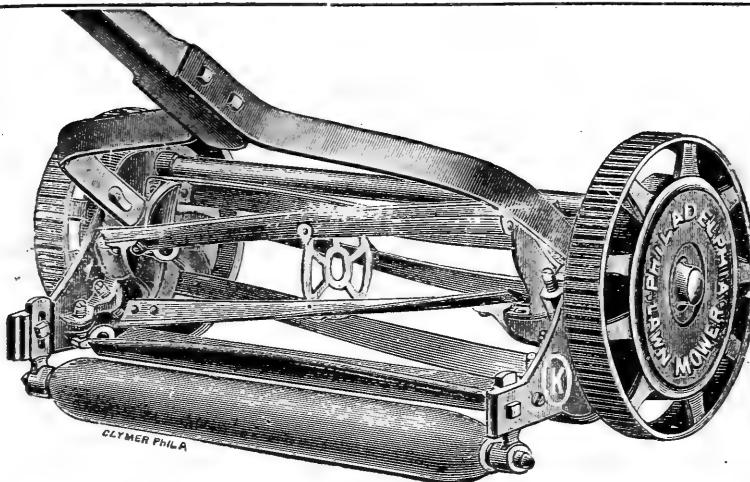
The Muzzy High Wheel Mower, 4 blades, 10 inch wheel.

**Most Popular Ever Made**

Its construction is superior to all others of a like kind.

## PRICES,

14 inch	.	.	.	<b>\$4.50</b>
16 inch	.	.	.	<b>5.00</b>
18 inch	.	.	.	<b>5.50</b>

**Philadelphia Mowers**

Style K

5 blades, 10 inches wheel.

Best Mower made

**Prices :**

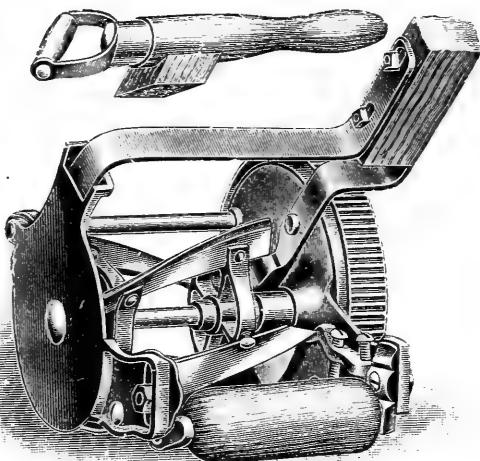
14 inch . . . . .	<b>\$7.50</b>
16 inch . . . . .	<b>8.00</b>
18 inch . . . . .	<b>8.75</b>
20 inch . . . . .	<b>9.50</b>

**LAWN TRIMMER**

For trimming around walks, flower beds, trees, posts, monuments and shubbery, and all places that cannot be reached with any lawn Mower.

Cuts within  $\frac{1}{4}$  of an inch of the edge.

**Price \$4.98**

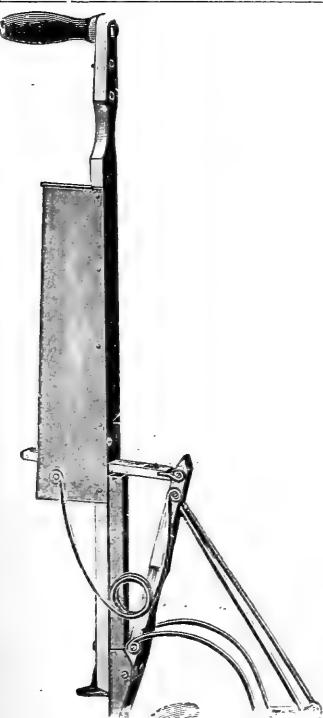


## Hand Corn Planters

**AUTOMATIC**

**Simple - Durable - Economical**

The Farmer saves three-fourths the time consumed in the old laborious method of Planting with a hoe by using these tools



**Wiard, \$1.50**



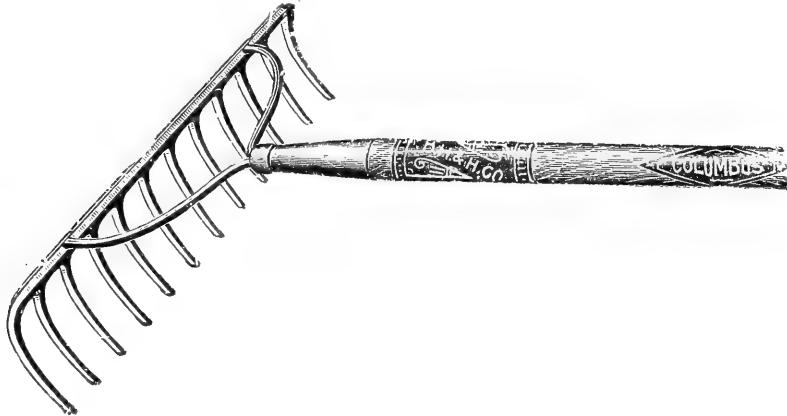
**Wiard    \$1.50  
American 1.98**

**Ash Barrell Trucks  
\$1.75**

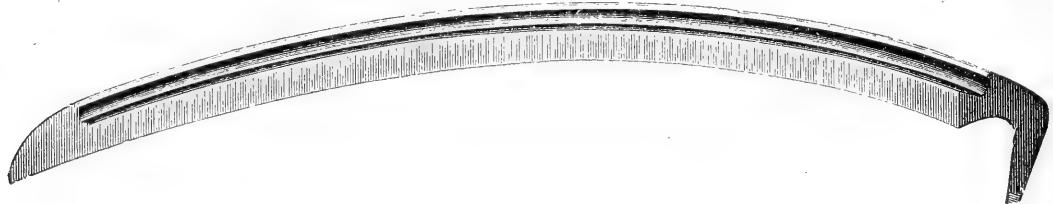
## RAKES AND SCYTHES

### LAWN RAKES

3 Bow Lawn Wood Bows.....	\$0 35	10 Tine Malleable Rake.....	\$0 19
Wire Lawn Rakes.....	35	12 Tine Malleable Rake.....	20
3 Bow Lawn Wire Bow.....	38	14 Tine Malleable Rake.....	25



10 Tine Cast Steel Rake, Plain, \$0 40	with Bow Brace.....	\$0 50
12 Tine Cast Steel Rake, Plain, 45	with Bow Brace.....	55
14 Tine Cast Steel Rake, Plain, 50	with Bow Brace .....	60
16 Tine Cast Steel Rake, Plain, 55	with Bow Brace.....	65



### SCYTHES

Blood's Ribbed Back. Nothing better.....	\$0 75
Blood's Plain Back, Polished.....	50
German. A high grade Scythe at a low price.....	98
English Lawn. An elegant tool for fine work.....	1 25
Bush Scythes. For rough work.....	75
Snaths. Patent, Plain and Bush, Scythe Stones and Rifles in variety.	
Floral Sets, consisting of Hoe, Spade and Rake.....	10c., 25c., 39c., 75c., 1 00
Trowels .....	3c., 5c., 10
Strawberry or Pruning Forks.....	5c., 10
Fruit Pickers. Do not bruise fruit .....	35
Excelsior Weeder .....	05
Grafting Wax.....	¼ lb. 10c., ½ lb. 15c., 1 lb 25



English Grass Hooks

25 to 40 cents



Pruning Shears

19, 25, 40, 65 and 85 cents.  
Dibble, Iron or Wood Handle .....

This tool is indispensable for planting small roots and plants; once tried the gardener will never dispense with it.



Garden Syringe, 50c. and upwards

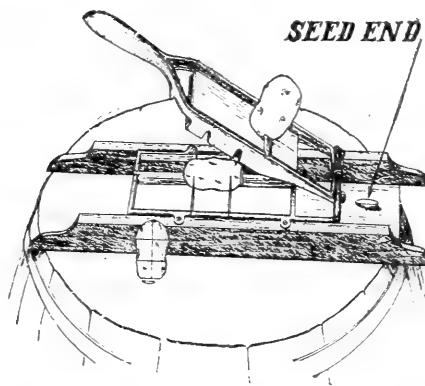


Pruning Saws

50c. and 70c.

## The Gem Seed Potato Cutter

**24 Inches**  
**Long**  
**8 Inches**  
**Wide**  
**Weight, 8 lbs.**

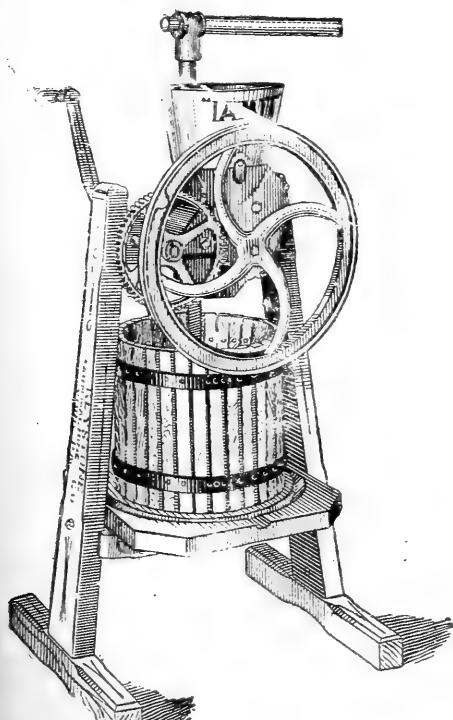


**Cutter Will Last  
a Lifetime.**

**Can You Afford  
to be  
Without One**

The GEM SEED POTATO CUTTER shown herewith has all the essential features necessary to a first-class tool. It will cut any size potato in pieces uniform to size, thereby insuring more accurate planting when power planter is used. The operator, to get the best results, will pick up the tuber, look for seed or blossom end, passing it over the knife on upper side of pressure lever, thus removing the cause of so many empty potato hills in your potato patch. Then according to size of potato, place it on knives so that when lever is pushed down it will be cut into either two, four or six; or if a very large one, split it and cut each half into as many pieces as its size will require. From six to eight bushels can be cut with it in an hour. The saving in time alone will more than pay for this cutter the first season it is used.

**PRICE \$8.98**



**PRICE \$9.50**

### THE "I AM IT" CIDER MILL.

A combined Mill and Press with **geared cylinder**, and adjustable concave, so that grinding can be done, as desired either coarse or fine. It will grind apples at the rate of one-half bushel per minute. It is a Self Feed—you need not poke the apples to the grinding disc.

**Price.....\$8.98**

### Wine and Cider Presses.

Diameter of Tub.

No. 1	10 in.....	\$3 75
No. 2	12 in.....	4 50
No. 2½	13½ in.....	5 50
No. 3	15 in.....	6 98

### Hutchinson Cider Mill.

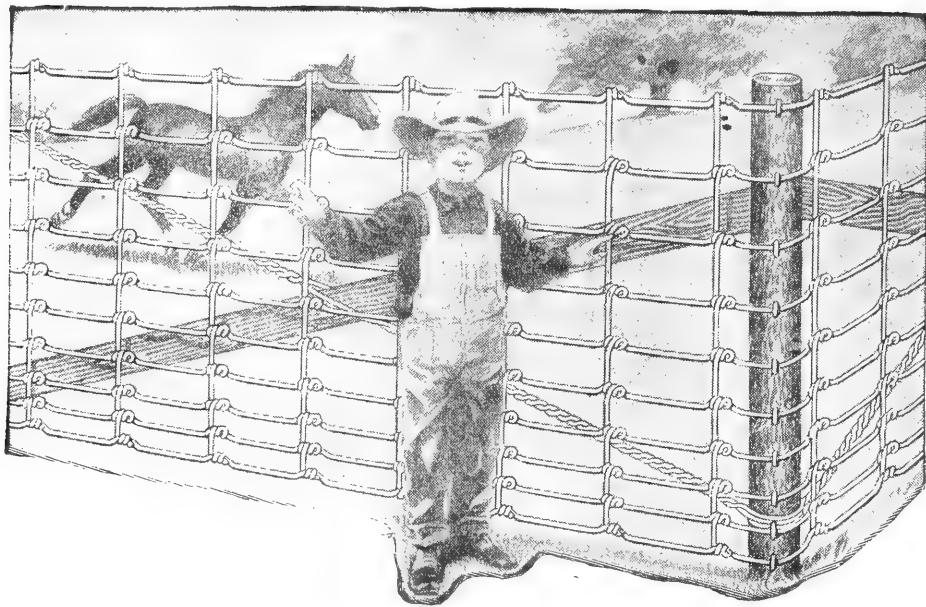
No. 0.....	8.50
No. 1.....	9.50

The Grinder No. 0 is the same size as No. 1 but the curb is smaller. The No. 1 will easily grind 10 bushels of apples or twelve of grapes per hour. The curb will contain the pomace of one and a half bushels of apples.

### CIDER MILLS

Junior . . . . .	\$14.50
Medium. . . . .	17 50
Senior. . . . .	23 50

## **SOLE AGENTS**



# National Fence

**National Farm Fence, 45 inch Price, Per Rod (by roll) 35 cents**

New National Poultry and Rabbit Fence. 48 inch Price per Rod (by roll) 45c. 58 inch Price per Rod (by roll) 48c.

## CYCLE BALL-BEARING STEEL FRAME GRINDSTONE

Solid Steel Frame with Seat, \$4.48



Stone 19 to 22 inches, 2 to 2½ inches thick. Best Quality Berea Grit. Front legs formed of one piece heavy steel angle. Rear legs formed of one piece heavy steel angle. Upper frame is constructed to form a brace for legs, making most rigid frame possible. Built on up-to-date mechanical principals.

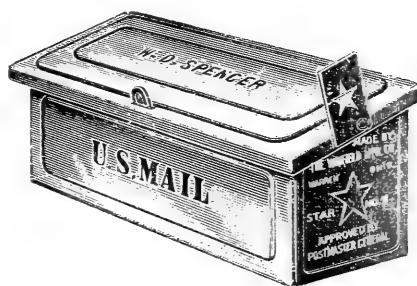
Weight 85 lbs.

Price	\$4.48
" with Cycle Pipe Frame.	<b>4.98</b>
" " Wood Frame	<b>3.98</b> up

## THE STAR R. F. D. MAIL BOXES

Approved by Postmaster General

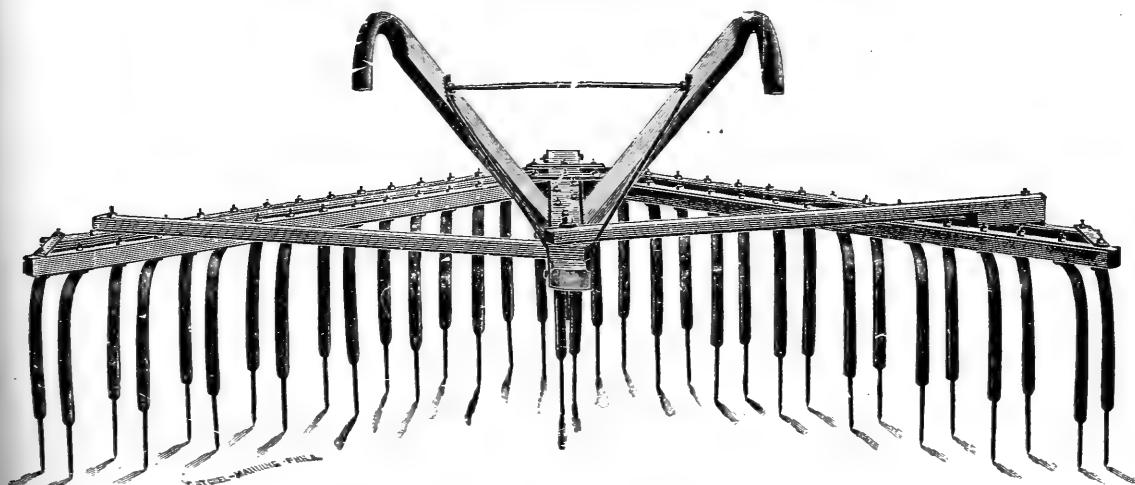
High Grade Boxes at Reasonable Prices, that will please both the dealer and user. No solder or rivets are used in their manufacture, all joints being made by special machinery, leaving seams smooth and sightly and without rough edges.



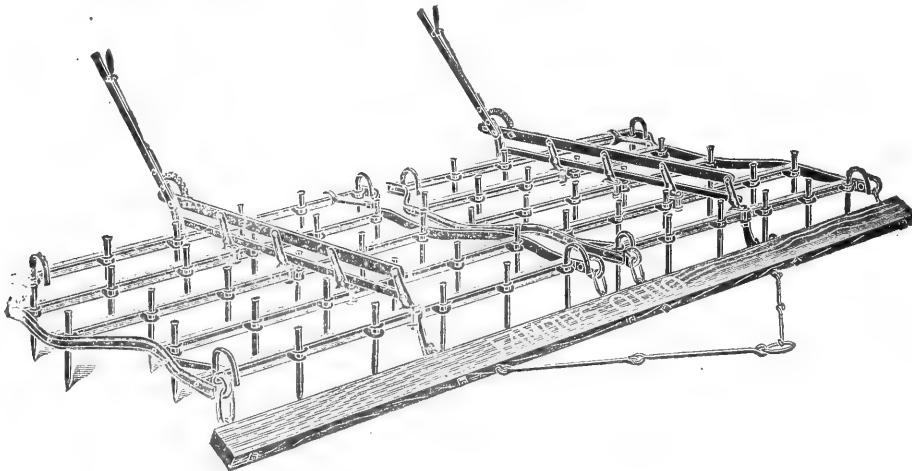
**The Hessler, 98c. each**

No. 1 Plain Galvanized, 75c.  
Rain, Dust and Wind Proof,  
No. 5 Plain Galvanized, 89c.  
No. 7 Aluminium Bronzed 98c.  
**Strong, sighty and every way desirable.**

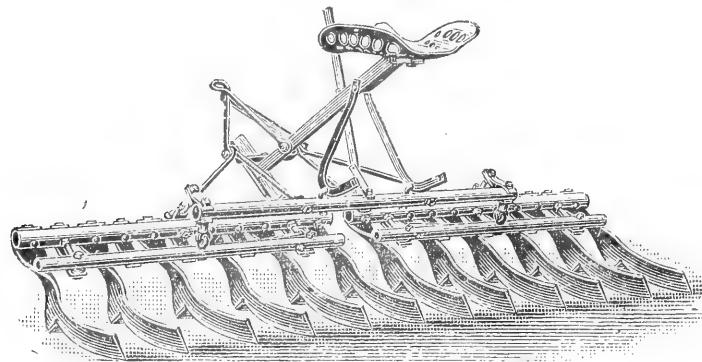
## KEYSTONE ADJUSTABLE WEEDE



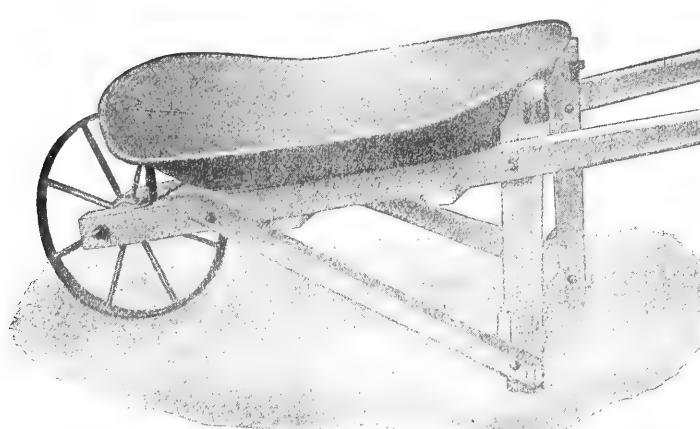
**Keystone Adjustable Weeder**, expands to 7 feet. Best Weeder made, every one guaranteed. Try one, it will increase your crops.

**OHIO SPIKE TOOTH HARROW - 60 Teeth**

The U-bars, channels, oscillating bars and teeth, are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in one 30 tooth section, and with 5-8 teeth, **\$6.50**, or in Two 30 tooth sections, with 5 8 teeth **\$11.98**

**ACME HARROW, Pulverizing Harrow, Clod Crusher and Leveler**

No. 11 Price, one horse . . . . . **\$14.00** No. 23 Flexible, Price . . . . . **\$16.00**

**Steel Tray Canal Barrow**

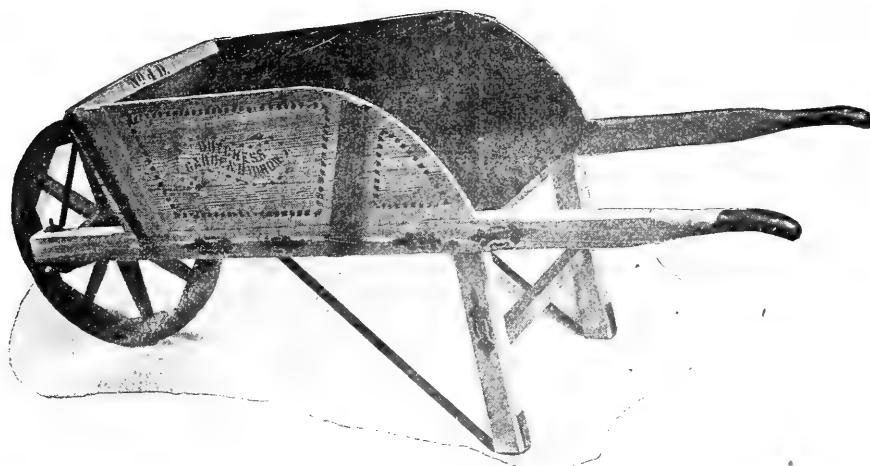
Price with Steel Wheel . . . . .	<b>\$3.75</b>
Wooden Tray and Wooden Wheel bolted . . . . .	<b>\$1.89</b>
Wooden Tray and Steel Wheel, bolted . . . . .	<b>\$1.98</b>

**Iron Tabular Barrow**

No. 4 . . . . .	<b>\$6.50</b>
No. 7 . . . . .	<b>7.50</b>
No. 2 D . . . . .	<b>10.00</b>

Extra Heavy Steel Tray, **\$4.98**

## Dutchess Bolted Garden Barrow



No. 2 B. Boys' size .....	\$2 75
No. 3 C. Medium size.....	3 25
No. 4 D. Large size .....	3 75
No. 5 E. Extra Large.....	4.25
No. 1½ Steel Wheel.....	3 98

## Dunham Roller Bearing Lawn Roller

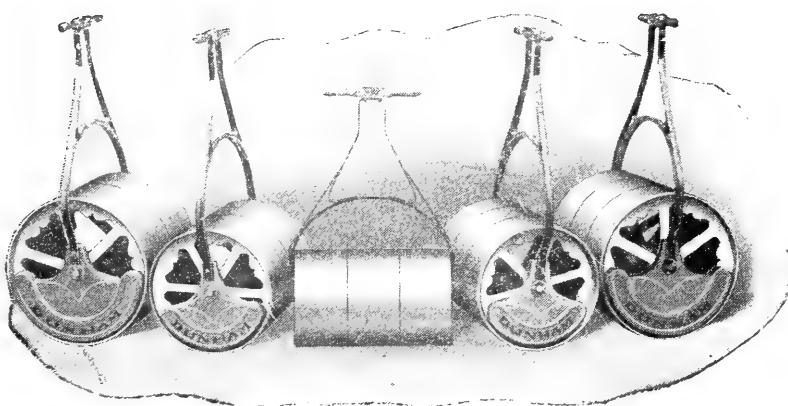
(Patented)

### Price List of Standard Sizes

Length and weight

precisely as listed

Rollers are smooth on face  
and aluminum finish, outer  
edges rounded to avoid cutting  
up the lawn.



No.	Diameter Inches	Length Inches	Weight		
			Sections	Pounds	Price
402	15	24	3	200	\$ 9 98
404	20	20	3	250	11 98
407	20	24	2	300	13 50

## Insecticides and Remedies for Plant Diseases

**Lemon Oil-Insecticide.** This well known article is in general use all over the country for destroying Scale, Mealy Bug, Greenfly or Alphis-Ant-Thrip-Caterpillar, etc. on Rose Bushes, Palms, Rubber Plants, etc. Dilute with water 30 to 50 parts.

Half pt. 25c., pt. 40c., qt. 75c., half gal. \$1.25, gal. \$2.00

**White Hellebore.** An excellent remedy against currant worms, rose slugs, caterpillar, etc. Can be used either dry or in water, 15c. per lb.'

**Whale Oil Soap.** One of the most effective agents used for destroying scale, bug, plant, lice and all other insects, injurious to vegetation.

Price 1 lb. box, 15c. 2 lb. box 25c.

**Standard Fly and Germ Killer.** It is a thorough disinfectant and germicide. Protects horses and cows from the torture of flies. The **Lightning Insect Exterminator No. 1** discharges the preparation in a fine, broad spray, without waste and using but very little. Fifty cows can be sprayed in a few minutes.

60c. per gallon.

**Pratt's Scalecide.** It will positively destroy all soft-bodied, sucking insects, including all forms of the dreadful "Scale." It is simple, cheap, easily applied and wonderfully effective. Endorsed by government experiment stations, agricultural schools and thousands of fruit growers.



### Arsenate of Lead for Potato Bugs

Its great advantages are that it adheres well to the foliage and spraying does not have to be repeated, as it does not readily wash off by rain. 1 lb. 20 cent.

### BUG DEATH

We want you to try this really wonderful preparation. Is absolutely harmless. Give it a square deal. You have nothing to lose, and in the light of the experience of others, just this to gain—**larger crops, better quality, more money in your pocket.**



Pat. Mar. 16 & Nov. 9, 1897

Kills all bugs and worms that chew the leaves and foliage.

**Is absolute Harmless.** The birds may "peck" it from the leaves, the honey-bees take it from the flowers, hens and domestic animals eat stalks, leaves and vines where BUG DEATH has been used WITHOUT any ill effects.

May be used dry or in solution.

Price 1 lb. 15c., 3 lbs. 35c., 5 lbs. 50c.,  
12½ lbs. \$1.00 100 lbs. \$7.50

**BORDEAUX MIXTURE OR FUNGIROID**  
mildew and the various rots of the grape. Full directions on label. Dry, 1 lb. box 25c.  
5 lb. and over at 20c. per lb., 50 lbs. for \$7.00; liquid, 1 qt. 35c., 1 gal. \$1.00.

**ROSE NICOTINE** — Most powerful Insect and Parasite Destroyer known. Guaranteed to kill Insects, Lice on Flowers, Plants, Fruits, Trees, Vegetables, Human Body, Dogs, Cats, Fowls, Earth Worms, Ants, also any House Bug or Vermin.

1 lb. 10c., 3 lbs. 25c.

**Sulphur, Powdered-** A remedy for insects of all kinds, both by itself and in combination with other remedies. Market rates.



**Hammond's Slug Shot-** An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars upon Melons, Egg, Cucumber, Cotton, Tobacco and Cabbage plants, Tomato Currants, Fruit or Ornamental Trees, Grape Vines, Shrubs and Flowering plants. 5 lb. pkg. 30c.

**Strictly Pure Paris Green-**

Market price,

**Double Ground Land Plaster-**

Per 100 lb. bag 60c.

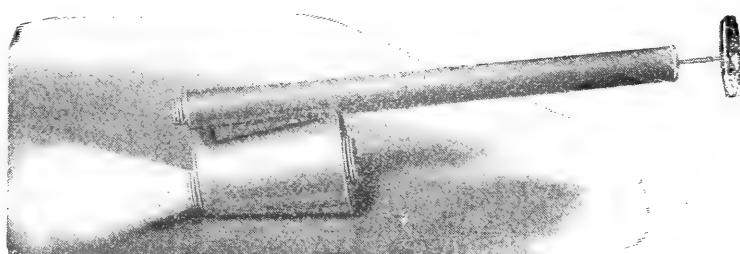
**Sulpho Tobacco Soap** 10c. & 20c.

— For all fungous diseases, such as mildew and the various rots of the grape. Full directions on label. Dry, 1 lb. box 25c.  
5 lb. and over at 20c. per lb., 50 lbs. for \$7.00; liquid, 1 qt. 35c., 1 gal. \$1.00.

The ACRE-AN-HOUR SIFTER is for applying dry insecticide with economy, being constructed in such a way that there is no wasting of material. When a small plant is to be treated, it can be regulated so that there is no surplus mixture thrown away. When large plants are treated the Sifter is opened up to any satisfactory dimension required. The work may be accomplished as fast as a man can walk, being easy to operate, and with care will last for years. The cost compared with others implements used for the purpose, taking in consideration the result obtained is insignificant. We can honestly recommend to you an ARCE-AN-HOUR SIFTER. Price 50c.



THE "LOWELL" BLOW POWDER SPRAYER is fitted with a Ball Valve which is positive in its action, preventing any powder being drawn back into the pump—thus insuring at all times a perfect working machine. Ad, apted to Paris Green, Slug Shot-Bug Finish, Lice Powder and all Dry Powder Disinfectants and Poisons. Aluminum finish. CAUTION:—Powder must be thoroughly dry. Price 60c,



#### LOWELL GRAND SPRAYER FOR LIQUID

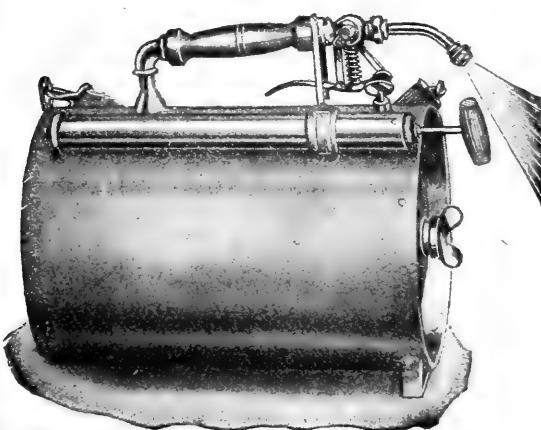


##### DESCRIPTION

Tapered cylinder reservoir, 4 inch bottom, 3 inch top, 1½ inch pump cylinder, 20 inches long. Plunger rod bright steel. Plunger our special make. Two brass solution or spray tubes. One inch zinc can screw for filling. Strong and durable in construction. Each sprayer is tested for leaks and perfect spray. Capacity of tank one quart. Aluminum finish. Galv. Steel 45c.

#### LOWELL CONTINUOUS SPRAYER

The Lowell Continuous Sprayer, as the name implies' is so constructed that it not only sprayes on the downward stroke of plunger but also when it is drawn back, thus causing a continuous mist-like spray. Brass Lacquered \$1.00

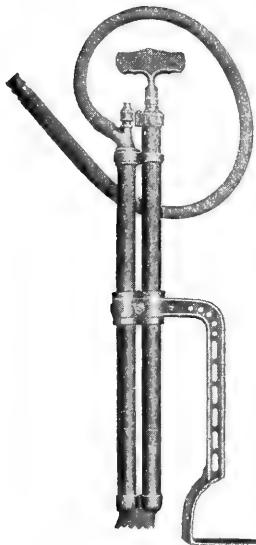


THE LOWELL FOUNTAIN COMPRESSED AIR SPRAYER. One pumping will expel entire contents of tank and is sufficient to spray 2,000 plants. Spraying nozzle may be reversed to spray under side of bushes and plants. Automatic Thumb Lever Valve is at all times under complete control of operator, hence none of the solution is wasted. It saves its cost in making a given amount of compound do so much more work. An Adjustable Shoulder Strap and Tree Attachment with suitable coupling for orchard and tree spraying, furnished with each machine. Aluminum finish. Capacity 3 gallons. Price \$4.98

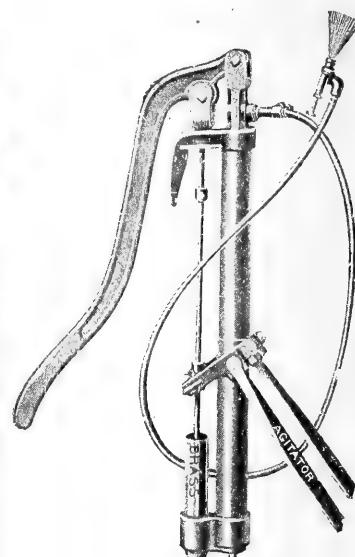
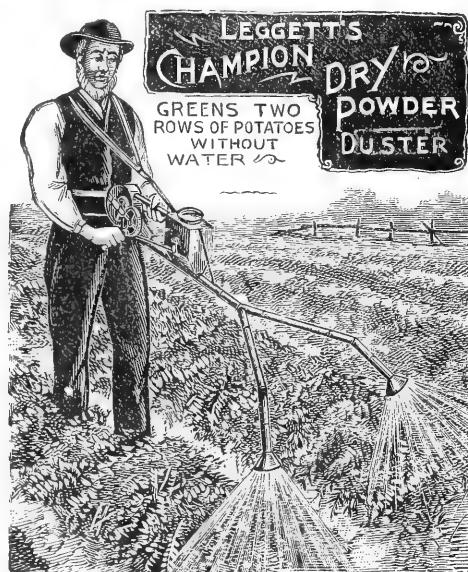
**"LIGHTNING" WHITEWASH SPRAYER**

This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron, with brass tops and valves. Large air chambers and ball valves, the pressure maintaining a continuous stream or spray not affected by the upward stroke. Can also be used for washing windows, buggies and sprinkling lawns, flowers, etc.

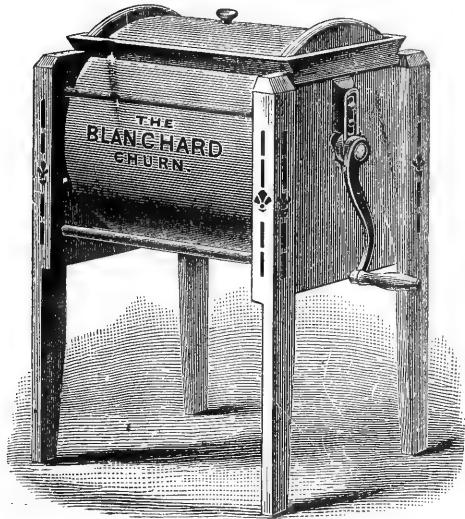
Galvanized iron \$2.25      Brass \$2.75



"Lightning"  
All Brass Spray Pump  
for Pail use  
Price \$3.50



PUMP NO. 25  
FOR BARREL USE  
PRICE \$6.98

**The Blanchard Churn****Price List Family Sizes**

No.	Will Hold	Price
3	4 gals	\$4.50
4	8 "	5.25
5	16 "	5.98
6	24 "	7.50
7	32 "	9.00

**The Cylinder Churn****Price List**

No. 0	\$1.90
" 1	2.00
" 2	2.65
" 3	3.00
4	3.75

**Sizes and Prices**

No.	Will Hold	Price
0	4 grls.	\$2.25
1	6 "	2.75
2	8 "	3.25
3	10 "	3.75

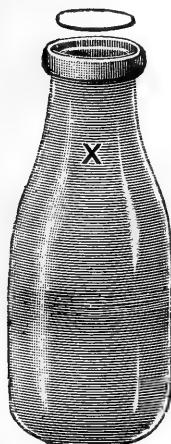
**Dairy Thermometers, 15c. each**

Lactometers, approved by the N. Y. Board of Health, to test the quality of Milk, 50c. each.

Long Handle Measure for Milk Cans,  
1 pt. 15c., 1 qt. 18c.

# Dairy and Milkmen Supplies

## Milk Bottles



### No. 2 Common Sense

1 qt. doz.	60c.	gross	\$5.50
1 pt. "	45c.	"	4.50
½ pt. "	45c.	"	4.50

In 5 gross lots we quote lower prices. Name blown on bottles free in one gross lots.

## Milk Bottle Boxes

1 qt. size holds 12 bottles  $\frac{1}{8}$  inch with cover \$1.10

1 qt. size holds 12 bottles, without cover . 60c.  
1 pt. size holds 12 bottles 1 in. thick without cover .75c  
1 pt. size holds 24 bottles with cover . . . . . \$1.25

### Milk Pails

One quart to twenty quarts  
**10c. to \$1.75**

### MILK BOTTLE CARRIERS

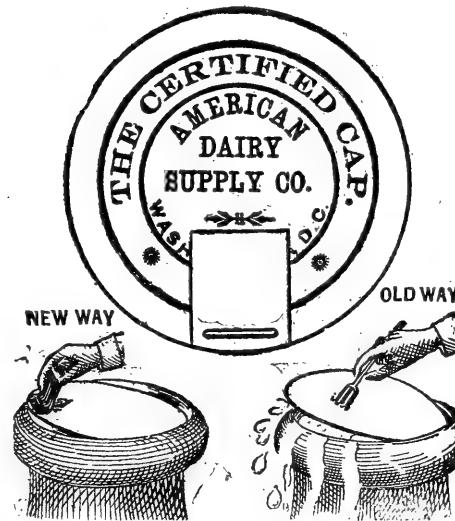
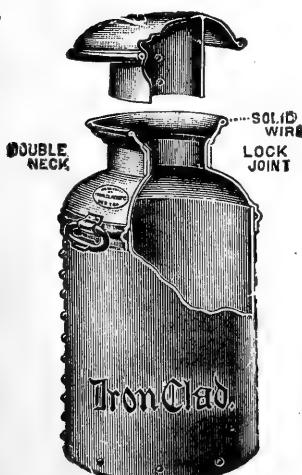
6 1 qt. bottles 69c  
8 1 qt. " 85c  
Galvanized iron wire  
6 qt. flat wire 75c  
8 qt. " 98c

### Both heavy Milk Cans

Iron clad Milk Cans, best Can manufactured  
20 quarts \$2.25  
30 " 2.60  
40 " 3.00

### Milk Pans

Tin 10c. to 15c.  
Enameled Ware 15c. to 35c.  
Milk Bottle Brushes, 10 to 50c.  
Milk Can Brushes 5c. to 25c.



## MILK CAPS

New Seamless Pull Cap, 35c. 1 M. \$1.50 5 M.

Heavy Waxed, Printed 25c. " 1.00 "

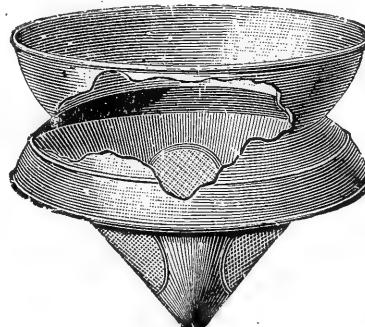
Heavy Waxed, with Lip, Printed, 25c.  
1 M., \$1.00 5 M.

New Lip Cap. Lip will not pull off, 35c.  
1 M., \$1.50 5 M.

Thin Caps for Tin Top Bottles, 5 lbs. 50c.

Name and address printed free on lots of 50 M.

**Dairy Men's Cleaner and Cleanser for Milk Bottles.** It is also a perfect sanitary cleanser for use in the home or on the farm, for washing dishes, glass, refrigerators, pots and pans, milking utensils, floors, baths, toilets, etc. 5 lb. **20c.**



Milk Can

Strainers

Tuthill's

**95c.**

Milk

Skimmers

5 cents

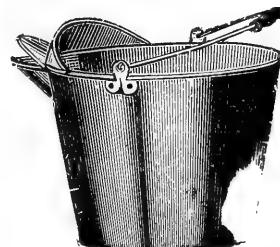
## Dairy Pail

With Strainer

**25c. to \$1.25**

Without Strainer

**25c. to 45c.**



## Poultry and Pigeon Supplies

To All Interested in Poultry Raising:

**SUCCESS** and profit in poultry raising require care and attention, which is as necessary here as in any other industry.

Some of the largest and most prosperous poultry plants have started on a very small scale and gradually built up to a very profitable business.

Proper feeding, with a variety of feeds, a constant supply of shell, grit, charcoal, bone, etc., together with clean, comfortable poultry houses, are necessary essentials for healthy and profitable conditions.

Notice—Prices affixed to the different varieties appended are subject to change without notice.

### "QUEEN" Poultry Mash a Poultry Food.

The mash with many poultrymen enters largely into the feeding plan.



#### The "SUN" Chick Starter A Baby Chick Food

This is the food to start chicks right. In size and in contents it is adapted to the wants of chicks for the first twenty days.

It contains the elements of growth and it is a food the chicks can digest.

50 lb. Bag at \$1.38 100 lb.  
Bag at \$2.50

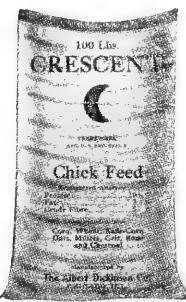
The theory is that it is easily digested warms up the fowls system causes the blood to circulate properly and thus gives health, strength and good feeling. It is a select mixture of ground feeds made from choicest, sound, sweet, wholesome grain. It contains absolutely nothing but what is of real value and is at the same time a growing and a health food, a molting food and an egg producer.

50 lb. bag. at \$1.25      100 lb. bag at \$2.25

#### "CRESCENT" Chick Feed for the Growth Stage.

The Crescent Chick Feed is designed to take the little chicks where the "Starter" leaves off, at about the age of twenty days, and carry them through to the end of the eighth week.

50 lb. Bag at \$1.25  
100 lb. Bag at \$2.25



#### DEVELOPING FOOD

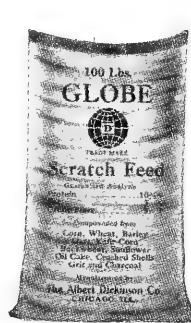
A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broadcast.

50 lb. bag \$1.25.      100 lb. bag at \$2.25

#### LAYING FOOD.

A ground food ready for the mash made up of carefully selected materials that will greatly increase the production of eggs. The use of this food will greatly increase the profits of the poultry raiser and cannot be too highly recommended.

50 lb. bag at \$1.25      100 lb. bag at \$2.25



#### SCRATCH FOOD For Grown Fowls.

Suitable at all Seasons.

A carefully selected mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon; late in the afternoon feed all the mash food they will clean up.

50 lb. bag at \$1.00      100 lb. bag at \$1.85.

#### BEEF SCRAP.

##### Standard Meat Food for Poultry of all Ages.

High Protein Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer. Poor Beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source.

50 lb. Bag at \$1.75.      100 lb. at \$3.25

**PRATT'S POULTRY FOOD**

A specially prepared and highly nutritious food. Used at all the principal shows all over the world. The most successful food for all kinds of poultry.

1 lb. at 10c; 25 lb. at 7c; 100 lbs. \$5.50

**MUZZY "PIGEON FEED" A SQUAB DEVELOPER**

Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier, the man raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting, finds in our Pigeon Feed a combination suited to his needs.

50c lb. Bag \$1.38

100 lb. at \$2.50

**CHARCOAL.**

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades:

- No. 2. Fine, for use on mash mixtures.
- No. 1. Medium, for small chicks.
- No. 0. Coarse, for fowls.

5 lbs. 15c. 10 lbs 25c. 25 lbs. 60c.

50 lb. \$1.00; 100 lbs. \$1.90.

**GROUND BONE, Fine and Granulated.**

Ground Bone is made from the Dry Bone and contains Phosphates, Lime and Protein and is especially valued as an egg producer.

5 lb. 25c; 10 lbs. 40c; 25 lbs. 88c; 100 lb. \$2.50.

**CUT ALFALFA CLOVER.**

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. Mealed Alfalfa is a boon to poultrymen. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.

5 lbs. 15c. 10 lbs. 25c. 25 lbs. 80c.

10 lbs. \$1.00. 100 lbs. \$1.90.

**CUT RED CLOVER.**

Cut Clover has become the standard green food for winter egg production. It is used and recommended by every poultry expert and well-known practical poultryman in America.

Writers on poultry topics endorse it as a necessity, especially during the long winter months when the fowls are unable to obtain a substitute for the bulky green food which is so plentiful during the summer season in the shape of grass clover and vegetables.

5 lbs., 15c. 10 lbs. 30c. 25 lbs. 75c.

50 lbs. \$1.25. 100 lbs. \$2.25.

**CRUSHED OYSTER SHELLS.**

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb. 1c, 5 lbs. 5c, 25 lbs. 25c, 100 lbs. 65c.

**CRYSTAL GRIT.**

We supply 4 sizes of Grit. No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb. 2c, 5 lbs. 10c, 25 lbs. 35c, 100 lbs. 70c.

**FOUST'S HEALTH GRIT.**

1 lb. 3c, 5 lbs. 15c, 10 lbs. 30c, 25 lbs. 75c, 100 lbs. \$2.00.

**SEEDS AND GRAINS.**

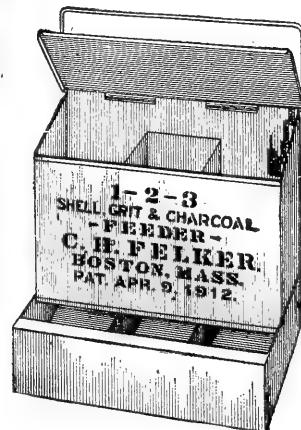
We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kafir Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

**GRIT AND SHELL BOX.**

Sanitary grit and shell boxes make a material saving on grit and oyster shells, ground bone, charcoal or poultry foods. They are practical self feeding boxes made of heavy galvanized iron.

50 cents each.

Sanitary Dry Feed Box,  
75c

**1-2-3 POULTRY FEEDER.**

For feeding Dry Mash, Scraps, Grit, Oyster Shells, Charcoal or any poultry feed. The separator can be arranged so as you can have one, two or three compartments. When used for one kind of feed take out the separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells, and grit, put separator in the middle and you have three separate compartments. Price, 75c.

## Caponizing Requisites.

### GAPE WORM EXTRACTOR

The use of this instrument is so simple that a few moments practise will give almost all information needed. The wires being flexible, may be made smaller or larger by bending to suit any age fowl.

Full directions with each instrument.

Price, 25 cents.

### PILLING FRENCH POULTRY KILLING KNIFE

Every Poultry raiser should have one of our killing knives. They are made of a finely tempered instrument steel, with nickel plated handle; will last a life time. Sent postpaid on receipt of 50 cents. Don't wait!

Send for it now.

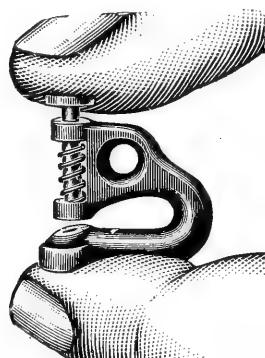
### RELIABLE SPRING LEVER POULTRY PUNCH

If you keep a record of your chicks, of the different breeds, hatches, strains, etc., there is no better, quicker, or easier way than by using our latest invention.

Price, 25 cents.



**PHILADELPHIA  
Chick  
Marker  
Price  
25 cents**



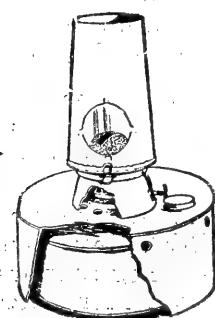
### INCUBATOR AND BROODER LAMPS

With seamless founts drawn in one piece and galvanized after drawing.

7 inch by 2 $\frac{3}{4}$ , No. 2 burner and chimney, 75c.

7 inch by 2 $\frac{3}{4}$ , No. 3 burner and chimney, 98c.

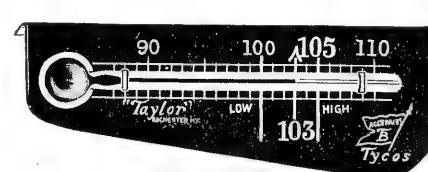
**ZERO INCUBATOR AND BROODER LAMP, \$1.00 each**



### PILLING CAPONIZING SETS

The Farmer Miles Caponizing Set	\$6.00
The Farmer's	" " 3.00
The Philadelphia	" " 2.75
The Plain	" " 1.50

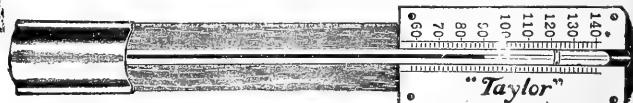
Full instructions for use with each set  
**HIGH GRADE TESTED THERMOMETERS** - The best incubator or brooder



manufactured, is worthless unless the thermometer used theren is accurate. Hundreds of hatches in incubators fail because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

The thermometers here listed are thoroughly tested before they are shipped.

Incubator Thermometer, each 50 cts.



Brooder Thermometers, each 40 cts.

### Incubator Hygrometer

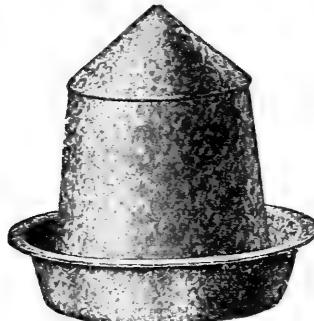


These Hygrometers should be used by every one who runs a incubator. They regulate the moisture as accurately as the heat which overcomes the trouble so many people have of chicks "dead in the shell"

Price each, \$1.50.

### Sanitary Galvanized Iron Drinking Fountains

1 qt. Chick Fountain 25c.  
1 gal. 50c. 2 gal. 85c.



### Lathrop Chick Server

This is a very practical device for serving water, grain or grit to chicks. The chicks cannot get into it and drown. It has no seams, is all smooth and easy to clean. No exposed edges to rust. Price 25c.



### The Peerless Brooder Fountain

The Ideal Fount for little chickens

Price 35c. each, \$3.50 per dozen  
592 size 75c. 10 size \$1.00  
Heater attachment 5qt.size \$1.00

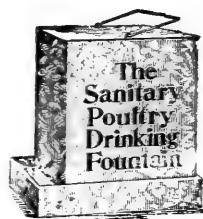
### Banty Sanitary Drinking Fountain



This is one of the best Fountains on the market. It can easily be taken apart and cleaned. It can be placed on the ground or hung on the wall. These are made of heavy galvanized iron and suitable for either poultry pigeons.

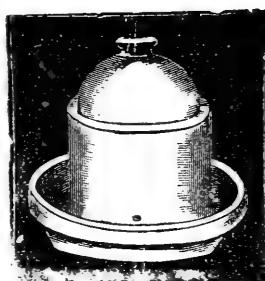
Three sizes

½ gal.	.	.	\$0.50
1 "	.	.	75
2 "	.	.	98



### Cone Top Galvanized Iron Fountains

1 qt.	\$0.19
2 "	25
4 "	35
8 "	45



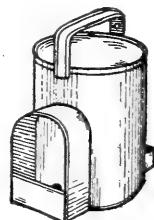
### Earthenware Fountain

This fountain is the only kind made in this form—2 sections—in earthenware. They can be easily cleaned; and if frozen, can be refilled without trouble. They keep the water always fresh and cool.

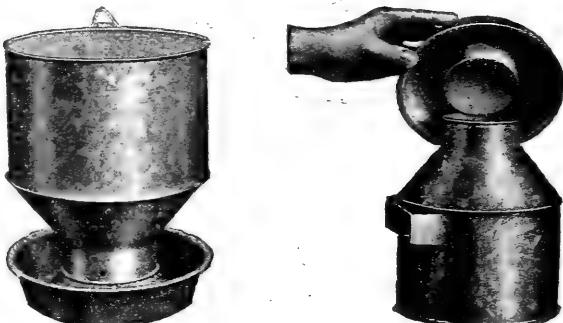
Each, 1 quart 20c., ½ gallon 25c., 1 gallon 30c.  
2 gallon 35c.

### Wall Fountain

1 qt.	.	.	35c.
2 "	.	.	35c.
4 "	.	.	50c.
8 "	.	.	65c.



### Sexton Up-to-date Fountain



Six quarts, price 50c. each

### Porcelain Nest Eggs

These eggs are made of first class flint and do not break and will last indefinitely.

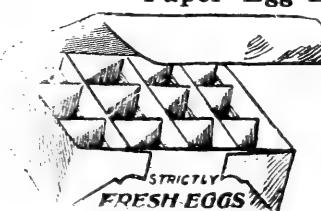
Price 2c. each, 3 for 5c. Doz. 18c.

### Antiseptic Nest Eggs

5c. each, or 6 for 25.

### Lime Nest Eggs 3c. each, 25c. doz.

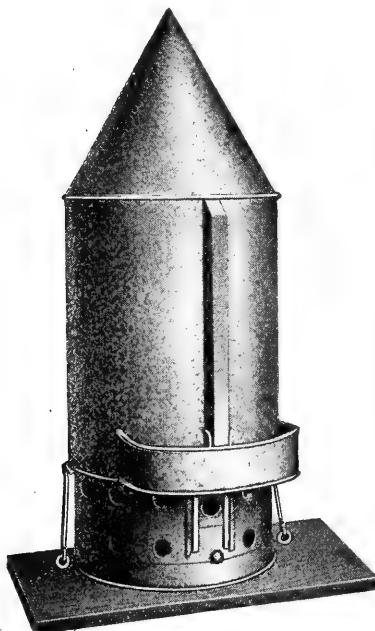
### Paper Egg Boxes



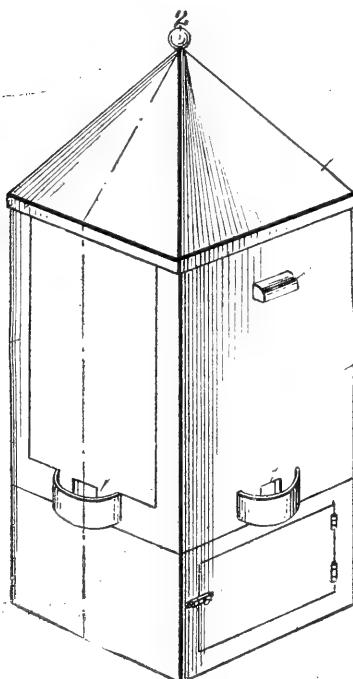
Just the thing for your family egg trade, they ship knocked down can easily be set up.

Extra heavy, 1 doz. size 15c. dozen.  
90c. for 100. In 1000 lots \$6.50. Regular  
1 doz. size 12c. per dozen, 80c. per 100 and  
\$6.00 per 1000.

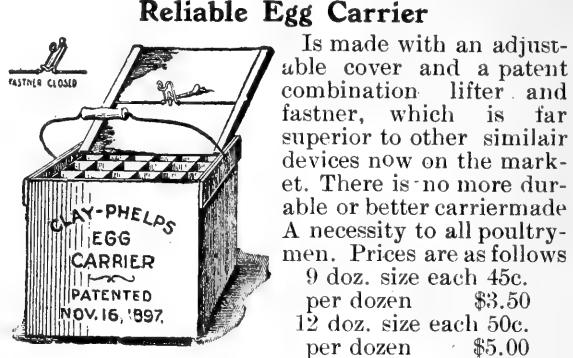
We carry a good wood box of good pine stock and Egg Spring Holder. Best thing made for shipping. Also new Egg contains for Parcel Post shipments. Write for prices

**Norwich Automatic Drinking Fountain**

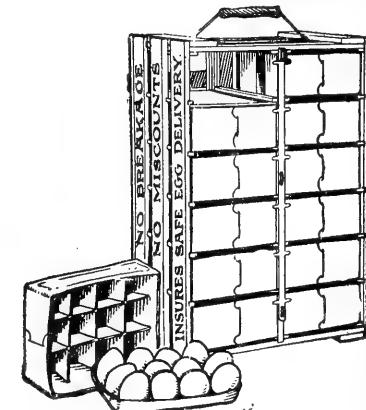
Made in one size only, 5 gallons capacity  
Complete with burner base . . . . . \$2.50  
Without burner base . . . . . 1.75

**Anderson Combination Feeder,  
Fountain and Heater**

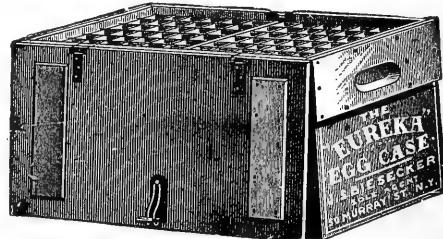
The object of this device is to provide grain, grit, charcoal and water in the same vessel and providing means for heating same, which will make your chickens lay in winter. Price \$4.50 and \$5.00

**Reliable Egg Carrier**

Is made with an adjustable cover and a patent combination lifter and fastener, which is far superior to other similar devices now on the market. There is no more durable or better carrier made. A necessity to all poultrymen. Prices are as follows  
9 doz. size each 45c.  
per dozen \$3.50  
12 doz. size each 50c.  
per dozen \$5.00

**Farmers Modern Egg Crate  
STAR EGG CARRIER  
Insure Safe Egg Delivery**

No. 6 .....	\$0.90
No. 8 .....	0.52
No. 12.....	0.11

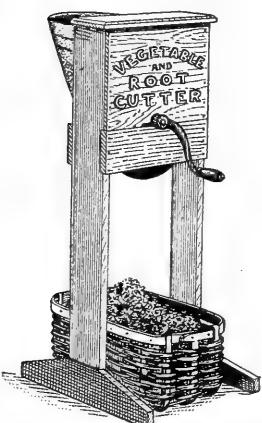
**The Eureka Egg Case**

Herewith is illustrated the Eureka Egg Case, which is the most durable of any egg case in the market. It is five strong points, namely:

- 1st—It is strongly constructed.
- 2nd—It has Patent Handles.
- 3rd—It has little Daisy Hinges, allowing the cover to fall close to the back.
- 4th—It has Snap Fasteners.
- 5th—Its Fillers are first-class and have no equal.

If you are shipping eggs it costs less in the end than any other.

Size	Case with Fillers	Size	Case with Fillers
9 dozen	\$1.00	15 dozen	\$1.26
12 " "	1.10	30 "	1.50

**VEGETABLE AND ROOT CUTTER.**

This handy invention is used for cutting up green food of different kinds, for poultry, sheep, and cattle. It is a practical success. It is very easy to operate, cuts rapidly. It will cut all kinds of roots, including beets, turnips, etc., also cabbage and other similar vegetables. Green food prepared can be mixed with the soft food that is fed to fowls, and used in this way, there will be no waste

whatever. Green food is essential to the health of the fowls during the winter and insures an increased egg yield. The accompanying cut shows the Reliable Vegetable Cutter all complete, ready for operation... Price \$3.98

**METALLIC EGG TESTER.**

We manufacture what is probably the neatest and surest metallic egg tester on the market. It consists of a metal lamp chimney and tubular projection. Is made in two parts so the tubular projection can be removed and chimney used separately, 25c.

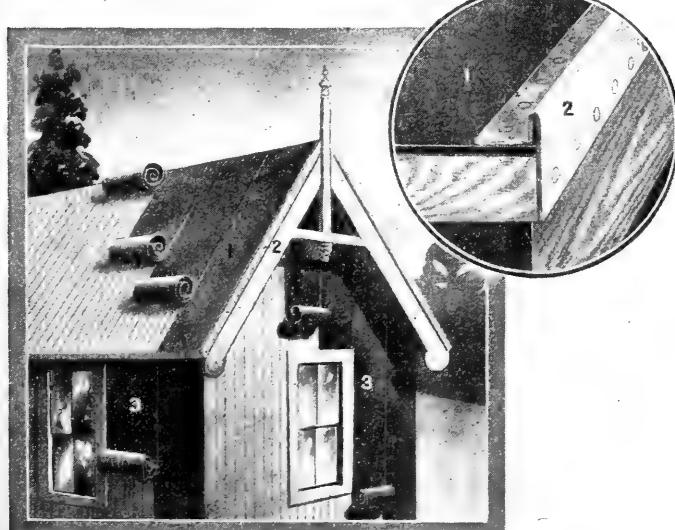
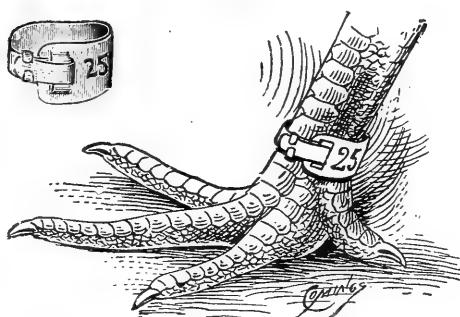
**WIRE CHICKEN NESTS.**

These nests are strongly made from heavy Japanned Steel Wire. They are intended to fasten to the wall with screw hooks, there is no room on them for lodgment of life, vermin of any kind, easy to keep clean and far superior to wooden boxes.

Price each, 15c per dozen..\$1.50  
**PIGEON NESTS.**

Should be used by every pigeon fancier. Made of red clay, with heavy bottom to prevent upsetting. Size about 9 inches in diameter.

Price 10c each. \$1.00 per dozen.

**IMPROVED CHAMPION LEG BANDS ALUMINUM.**

This is a well known band, is one of the best on the market; is light and strong, being held by a double lock, is impossible to come off.

15c per dozen; 25 for 20c; 50 for 35c; 100 for 60c.

**SUPERIOR LEG BANDS.**

Made from spring wire aluminum tag. Price 15c per dozen; 60c per 100.



Bands for Marking Pigeons.

# **SPR-OL**

TRADE-MARK.  
**LEG BANDS**



Black, White, Blue, Pink,  
Amber and Ruby.

Mark each hen for her pen, so that you know where she belongs at a glance.

Mark your old hens to distinguish them from the pullets so that you can catch the right one to kill at the first grab.

Price 25 cents per dozen. \$1.50 per 100.

**TAR ROOFING PAPER.**

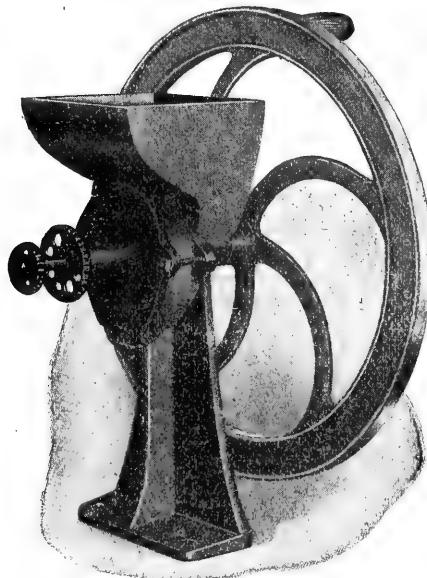
This paper is manufactured by a reliable manufacturer, is watertight, durable, strong, impervious to air and is not affected by heat or cold.

1 ply roll 2 $\frac{1}{4}$ c lb. 2 ply roll 65c.  
3 ply roll 95c. Nails and Tins for above. Special price in large quantities.

**AQUAROID ROOFING**

This roofing is made of the best long fibre wool felt, saturated and coated with pure refined asphaltum and is not affected by acid gases or climatic changes. It is suitable for flat or steep roofs. Put up in rolls containing 100 square feet, sufficient to cover one square allowing 2 inches for lap. Nails, tin caps, cement and directions for laying on, packed in each roll. It is made in these weights:

1 Ply 35 lb.	\$1.40 per roll
2 Ply 45 lb.	1.75 per roll
3 Ply 50 lb.	2.25 per roll



## No. 32 Hand Mills

In this Mills are embodied all the good features of other hand grinding mills, to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc.. for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish; has a 16 inch flywheel and is light running.

The capacity of this mill is not equaled by any other of the same size.

Shipping weight 40 pounds

Capacity 1 or 2 bushels per hour

**SPECIAL \$3.98**

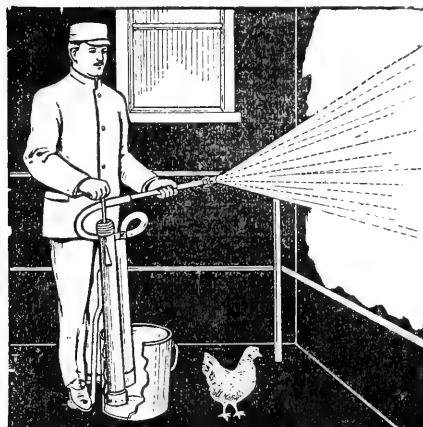
MANN'S PAT BONE CUTTER

### MANN'S PAT BONE CUTTERS NO. 7

Are one of the best Bone Cutters ever sold to the public and they are one of the most successfull Hand and Power Machines on the market today for cutting green bones.

No. 5 B. \$8.00 . . . No. 5 BM with legs \$10.50

No. 7 with legs \$12.00      No. 9 \$17.00

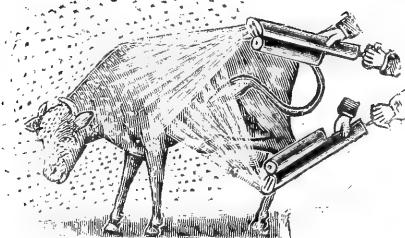


### WHITEWASH SPRAYER

This is the only spray pump that properly spray whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves. Large air chamber and ball valves, the pressure maintains a continuous stream or spray not affected by the upward strokes.

Galvanized Iron \$2.25

Brass \$2.75



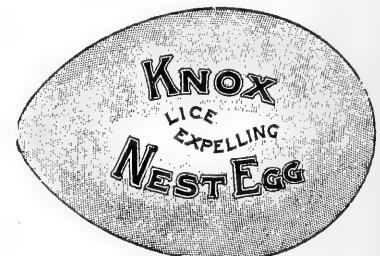
### LIME NEST EGGS

3c. each

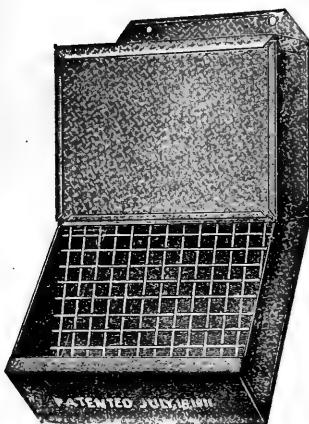
25c. a dozen

**NO-ODOR - One of the  
best Nest Egg to use**

Fly Killer Oil  
75c. a gallon



Antiseptic Nest Eggs  
5c. each, 6 for 25c.



OPEN



CLOSED

Easy to Fill  
Rat Proof

No Waste  
Dust Proof

### Sexton's Dry Feed Hopper

(Patent Pending)

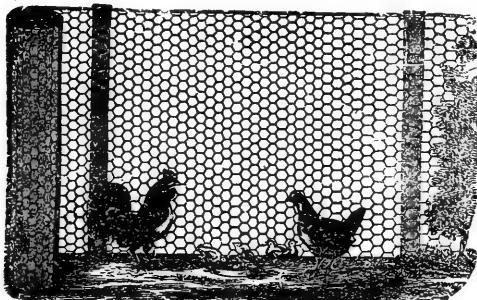
Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "Rat" and Mouse Proof."

No. 1, Poultry Size . . . . .	Each \$1.00
No. 2, Chiicken Size . . . . .	Each 0.90
Special Size to Order	

### Poultry Netting

Our Poultry Netting is woven from the best quality of steel wire of full standard gauge. It is heavily galvanized after weaving, thus insuring the greatest durability.

### Galvanized Wire Netting

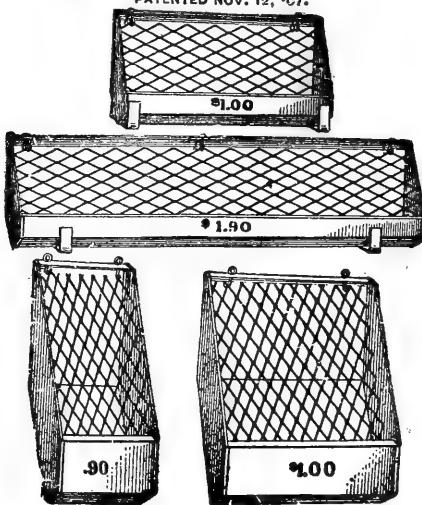


Wire 2 inch Mesh, 1 ft., 2 ft., 2½ ft., 3 ft., 4 ft., 5 ft., 6 ft. No. 20 Wire 1 inch Mesh, 1 ft., 2 ft., 2½ ft., 2 ft., 4 ft.

Market Prices.

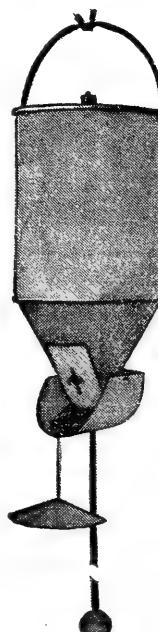
### "THE BOSTON" POULTRY DRY FEED HOPPER CO. BOSTON MASS. U.S.A.

PATENTED NOV. 12, '07.



These Hoppers are absolutely automatic and positive in their action. They cannot clog—they do not waste. They are made of galvanized iron with swinging grind (mesh) and hold  $\frac{1}{2}$  peck to  $\frac{1}{2}$  bushel respectively, and will last a lifetime. Feed is always accessible and in sight, they save labor and money.

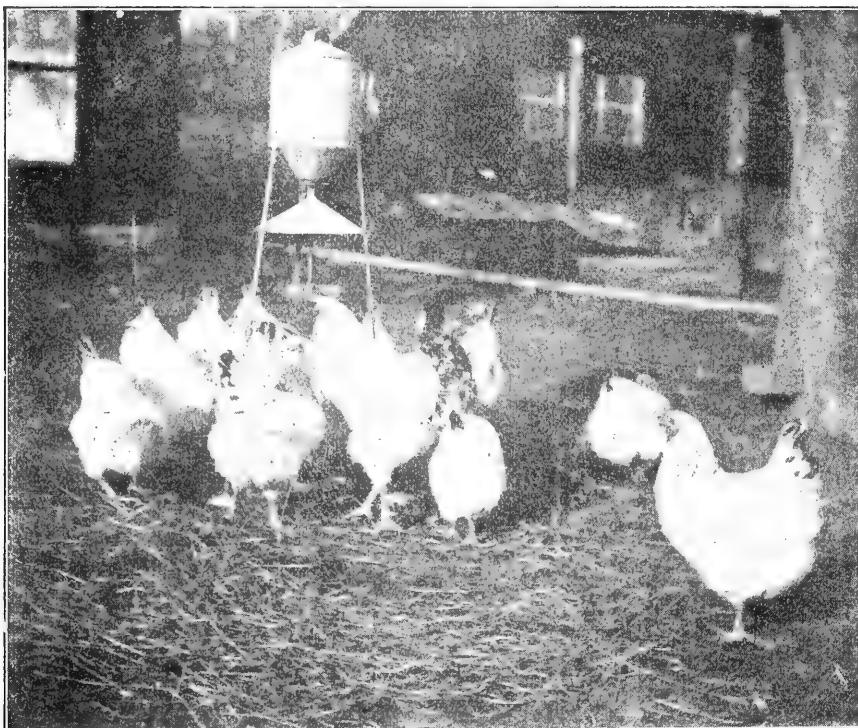
### THE IDEAL Automatic Feeder and Exerciser



### Guarantee:

We guarantee that all Fowls will work this Feeder, and also guarantee the Feeder not to clog.

Price, \$1.75



## Norwich Automatic Feeder

WE ARE  
SOLE AGENTS

One of the best  
Automatic Feeders  
on the market

Every one guaranteed

Prices:

- No. 1 8 qt. \$2.50
- No. 2 14 qt. \$3.25
- No. 3 20 qt. \$4.10
- No. 4 32 qt. \$5.00

### "OCULUM"

(Registered Trade Mark)

Guaranteed by The Hancock Inoculatum Co., Inc. Under the Food and Drug Act of June 30, 1906.—No. 28,809.

Scientific Remedy and Preventative for Cholera, Roup and White Diarrhoea, also cure for Capes. Cures Diarrhea in Sheep, Calves, colts and goats and kidney worm in hogs. Inculcate your fowls and prevent disease. (Sold under guarantee.) Price, large bottle, \$1.00. Small bottle, 50c.

### ROUPENE WHITINGS RELIALE ROUP REMEDY

"ROUPENE" will be found an infallible preventative and sure cure for Roup, Canker, Diphtheria; Chick-pox or Sorehead, Gapes, and all diseases of the respiratory organs in every species of fowl and pigeon; also will positively cure the snuffles in dogs and rabbits. Price 25c. and 50c.

### CONKEY'S ROUP CURE

Conkey's Roup Cure is guaranteed by its manufacturers to cure Roup in all its forms. It is simply put in drinking water and the chicken takes it own medicine. It prevents colds, and is unequalled for canker, especially in pigeons. Small package 25c. medium package, 50c. large size package \$1.00 postpaid.

**GET PLENTY OF EGGS**

Feed does not contain everything needed, so eggs get scarce. Make the feed complete by adding **RUST'S EGG PRODUCER** 20 YEARS' SUCCESS

Prices—1 lb. 25c.; 2-2 lb. 50c.; 6 lb. \$1.00; 10 lb. \$1.50; 25 lb. \$3.50.

Refuse substitutes. Get a box of RUST'S EGG PRODUCER to-day.

Costs 2 cents a month for each hen to use RUST'S EGG PRODUCER

**P R A T T S** Healthy Hens full of life and vigor, are the producers. Hens cannot lay heavily unless kept in prime condition. Use **Pratts Poultry Regulator** and you will never complain of poor production. 25c., 50c., \$1.; 25-lb. pail \$2.50. Colds, catarrh and roup cause worry and loss. **Pratts Roup Cure** is the greatest preventive and cure. 25c., 50c., \$1. "Money back if it fails." Get Pratts Profit-sharing Booklet. Poultry book Free. At dealers everywhere.

**P R A T T S**

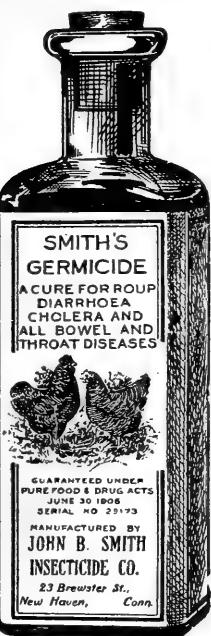


A positive cure

Price 25 cents

**SMITH'S  
ROUP REMEDY**

**Smith's Head Lice Ointment  
for  
Young  
Chicks**

**Smith's Head Lice Ointment****SMITH'S  
INSECTICIDE**

Kills the Lice on Birds  
and Plants, Fleas on  
Cats, Dogs and all  
other animals.

Death to Bed Bugs

Price 10c. and 25c.

**SMITH'S LIQUID  
INSECTICIDE**

Kills Lice and Mites in  
Poultry Houses

Price 35 - 60 - \$1.00

**ROSE NICOTINE**

Most powerful insect and parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruit trees, vegetables, human body, cats, fowls, earth worms, ants, ants, also any house bugs or vermin. 15c. per pound.

**SMITH'S SURE DEATH LICE POWDER  
ONR OF THE BEST**

Smith's Sure Death Lice Powder is a scientifically prepared Powder that is guaranteed to kill Lice on Poultry and Birds of all kinds, Fleas on Cats, Dogs and all other animals. Sure death to Bed Bugs. Contains no poison and will not injure plumage or coat. Put up in 1 lb. boxes only.

Price ..... 25 cents.

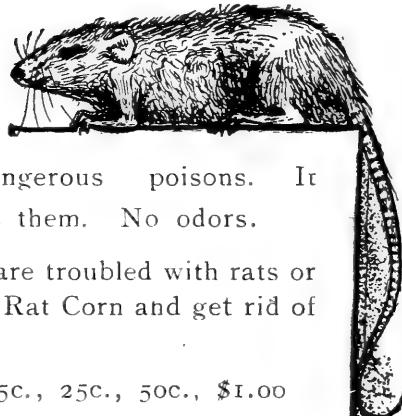
MALTOID MILK BONE is a complete food in itself and is the only Perfect Food for all breeds, the quality of which is recognized by all Dogs through their keen sense of smell to the degree that they will leave any other Dog biscuits placed side by side. WE STAKE OUR REPUTATION WITH YOU ON THIS.

The BONE SHAPE is tremendously attractive to the Dogs. They will handle it exactly as a Bone, holding it between their paws, and they will gnaw at it, thus benefiting the teeth and gums, increasing the flow of saliva and aiding digestion. For these reasons it should be fed dry and unbroken.

Price, Dog Biscuits 8c. per lb.  
Discount in large lots

Puppy Biscuits 9c. per lb.

Puppy Cake 8 cent

**RAT CORN**

No dangerous poisons. It  
mummifies them. No odors.

If you are troubled with rats or  
mice use Rat Corn and get rid of  
the pest.

Price 15c., 25c., 50c., \$1.00

**Disinfectant****GERMICIDE**  
**LICE KILLER****[POWDER and LIQUID]****ZENOOLEUM DISINFECTANT  
ANIMAL DIP**

Eight ounce can 25c., Quart can 50c.  
Gallon can \$1.50 Five gallon can \$6.25



**SOLE AGENTS**  
**Maltoid Milk  
Bone**  
Dog and Puppy  
Biscuit

Dog Cake 7 cent

**Spratt's Dog and Puppy Cakes**

Puppy Cake 8 cent

SOLE AGENTS FOR

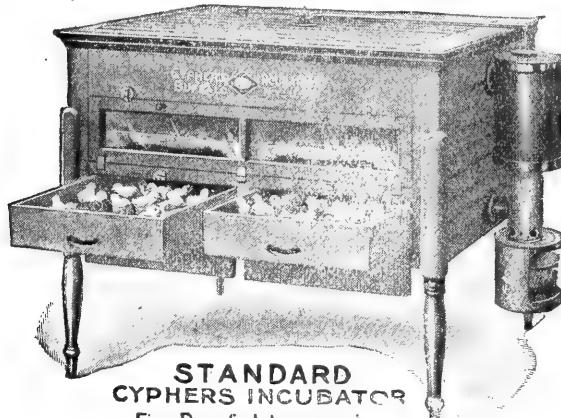
## Genuine Standard Cypher Incubators

Guaranteed to be the Best Hatchers of the Largest Percentages of Strong, Vigorous, Healthy Chicks. Beginners Obtain Success with Them on First Trials. Every Machine is Warranted.

### MADE IN FOUR SIZES

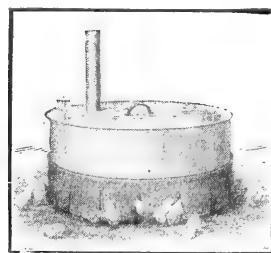
No. 0 Incubator—Capacity, about 70 Hens Eggs, 56 Duck Eggs.....	\$15.00
No. 1 Incubator—Capacity, about 144 Hens Eggs, 112 Duck Eggs.....	22.00
No. 2 Incubator—Capacity, about 244 Hens Eggs, 200 Duck Eggs.....	32.00
No. 3 Incubator—Capacity, about 290 Hens Eggs, 300 Duck Eggs.....	38.00

### CYPHERS PORTABLE HOVER.



**STANDARD  
CYPHERS INCUBATOR**  
Fire Proofed-Insurable

### CYPHERS ADJUSTABLE HOVER.



Shows the Cyphers Company Portable Hover in Use on Floor of Poultry House. Chicks at all times are on a level with the surrounding floor. Price \$8.50.

CYPHERS INCUBATORS are built to hatch and to last. With proper care—the same care you would give a valuable piece of household furniture—a standard Cyphers will last an ordinary lifetime. They are guaranteed by us to last ten years without repairs. We make this guarantee because they have lasted much longer than this—and are still doing first-class work.

The No. 0 and No. 1 size incubators are not equipped with the nursery drawers, for the reason that they are not required in these smaller-sized machines, and the drop-bottom is omitted for the same reason. These two smaller-sized machines contain all other improvements, including the new metal-cap, banded heaters, the latest-improved thermostats, the removable top diaphragms, the inclined egg trays, and the split lower diaphragm.

The No. 2, 244-egg capacity and the No. 3, 390-egg capacity, latest-pattern Standard Cyphers Incubators are furnished with two nursery drawers. The drawers occupy the nursery space underneath the egg trays and are reached through solid wooden doors, located below the glass-panel door that opens into the upper portion of the hatching chamber where the egg trays are situated.

The No. 3 size Incubator are supplied with extra ventilating tubes, by means of which these large machines may be used with maximum results for hatching both hen eggs and duck eggs.

### CYPHERS OUTDOOR BROODERS.



Cyphers Adjustable Hover..... \$ 8.50

Cyphers Style A. Outdoor..... 12.50

Cyphers Style B. Outdoor..... 16.50

Cyphers Style C. Outdoor..... 18.50

Cyphers Style D Indoor..... 11.50

Cyphers Chick Enclosure..... 3.00

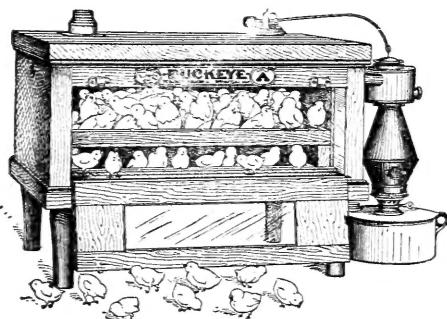
Fire-Proofed, Insurable, Self-V

Large Illustrated Catalogue of Cyphers Incubators, Brooders, etc. Furnished on Application.

SOLE AGENTS FOR  
**BUCKEYE INCUBATORS**  
**The Standard of Perfection in**  
**Artificial Incubation**

In designing our 1913 Buckeye incubators we have not departed from the methods and principles of incubation that we have found so extraordinarily successful for twenty-two years, but we have so perfected this system that we are now hatching a large percentage of eggs that have heretofore been generally considered as unhatchable.

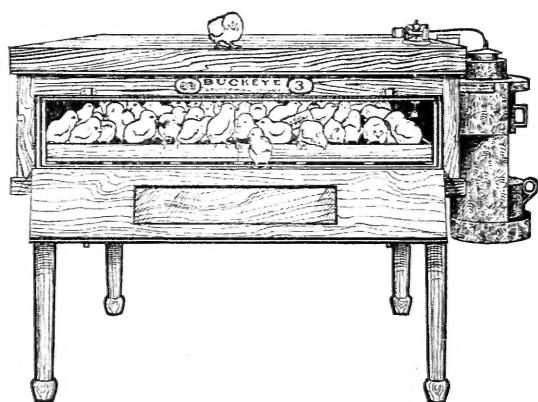
For twenty-two years our aim has been to build a perfect hatching device that could be depended upon to produce the same uniform results regardless of surrounding conditions—and so simple that it could be operated with the same degree of success by the beginner as it would produce in the hands of an experienced poultry raiser.



60 Egg Buckeye Incubator \$8.00

Price List:

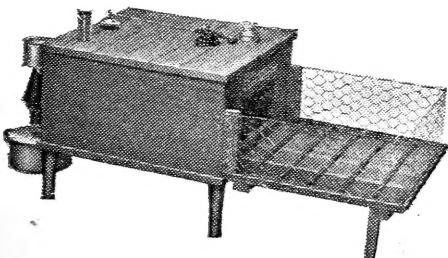
Style A, Capacity 60 Eggs	\$8 00
No. 1, " 110 "	16 00
No. 2, " 175 "	20 00
No. 3, " 250 "	27 50
No. 4, " 350 "	35 00



110 Egg Buckeye Incubator \$16.00

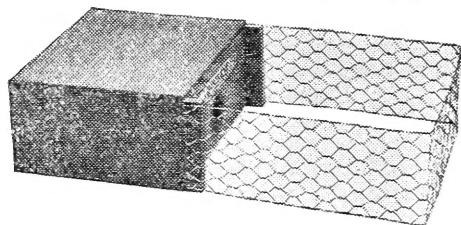
## BUCKEYE BROODERS

INDOOR HEATED TYPE



No. 1, Capacity 50 chicks \$7 00

INDOOR LAMPLESS TYPE



Buckeye Brooders

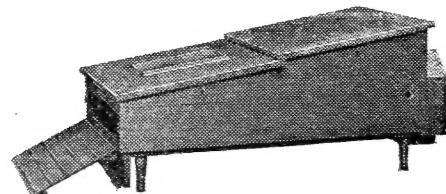
No. 5,	Capacity 25 Chicks	\$1 75
No. 6,	" 50 "	2 75

**A CHICK**  
 FROM EVERY  
**HATCHABLE EGG!**

That's the guarantee we give  
 with every

**Buckeye Incubator**

OUTDOOR HEATED TYPE



No. 2, Capacity 50 Chicks \$9 00



## Foreign Names of Vegetables and Herbs

English	German	French	Italian	Holland
Anise.....	Anis. Grvener.....	Anis.....	Anaso, Anacio.....	Anijs.....
Artichoke.....	Arrischocke.....	Artichaut.....	Articcioca.....	Artisjok.....
Asparagus.....	Spargei.....	Asperge.....	Sparagio.....	Aspersie.....
Balm.....	Citronen Melisse.....	Melisse citronelle.....	Melissa.....	Citroen Melisse.....
Basil.....	Basilikum.....	Basilic grand.....	Basilico.....	
Beans.....	Bohnen.....	Haricots.....	Fagioli.....	
Beet.....	Ruebe.....	Betterave.....	Barbabietola.....	Booen.....
Borage.....	Borettsch.....	Bourrache.....	Boragine.....	Bieten.....
Broccoli.....	Spargelkohl.....	Chou Brocoli.....	Cavol brocolo.....	
Brussels Sprouts.....	Roseukohl.....	Chou de Bruxelles.....	Cavolo agermaglia.....	Spruitkool.....
Cabbage.....	Kopfkohl, Kra.....	Chou pomme.....	Cavolo cappuccio.....	Slutkool.....
Cabbage Savoy.....	Wirsing.....	Chou de Milan.....	Cavolo di Milano.....	Savooihool.....
Caraway.....	Feld Kuemmel.....	Chum des press.....	Carvi.....	Karvij.....
Carrot.....	Carrotten, Moehren.....	Carotte.....	Carota.....	Wortelon.....
Cauliflower.....	Blummenkohl.....	Chou-fleur.....	Covolo-flore.....	Bioemkool.....
Celery.....	Sellerie.....	Clerie.....	Sedano.....	Seiderij.....
Celeriac.....	Knoll-Sellerie.....	Celere-rave.....	Se ana rapa.....	Knoise erji.....
Chervil.....	Kerbet.....	Cerfeuil.....	Cerfolgio.....	Kervil.....
Chicory.....	Chiceorien wurzel.....	Chicoreau sauvage.....	Cicoria Wselvatica.....	Korlander.....
Coriander.....	Coriander.....	Coriandre.....	Coriandorio.....	Velesia.....
Corn Salad.....	Feldsalat.....	Mache.....	Valeriana.....	
Corn.....	Mais.....	Mais.....		
Cress.....	Garten Kresse.....	Cresson aleinois.....	Agretto.....	Tunkers.....
Cress, Water.....	Brunnen Kresse.....	Cressoudefontaine.....	Nasturzio.....	Waterkers.....
Cucumber.....	Gurken.....	Concombre.....	Cotriolo.....	Komkomer.....
Dandelion.....	Loewenzohne.....	Pissenlit.....	Dente di leone.....	
Dill.....	Dille.....	Aneth.....	Aheto.....	
Egg Plant.....	Eier Pflano.....	Aubergine.....	Pentonciano.....	Andijive.....
Endive.....	Endiven.....	Cicorce-Endive.....	Indivia.....	Nedkel.....
Fennel.....	Fenchel.....	Fenouil.....	Finnochio.....	Knoflook.....
Garlick.....	Knoblauch.....	Ali.....	Agho.....	Peperwortel.....
Horse Radish.....	Meer Rettig.....	Ranifort sauvage.....	Rafano.....	Hijsoop.....
Eyssop.....	Isop.....	Hyssope.....	Issopo.....	Boerkool.....
Kale.....	Blaetterkohl.....	Chou-vert.....	Cavolo verde.....	Koolrabi.....
Kohlrabi.....	Knolkohl.....	Chou-rave.....	Cavolo rapa.....	
Lavender.....	Lavendel.....	Lavende.....	Lavada.....	Prei.....
Leek.....	Porre Lauch.....	Poireau.....	Porro.....	Kropasia.....
Lettuce.....	Lattich Kopfsalat.....	Laitue.....	Lattuga.....	Marjolijn.....
Marjoram.....	Marjoram.....	Marjolaine.....	Maggiorana.....	Meleon.....
Melon.....	Melone.....	Melon.....	Popone.....	Kampernoelle.....
Melon, Water.....	Wasser-Melone.....	Melon d'eau.....	Cocomera.....	Capucine-kers.....
Mushroom.....	Schwamm.....	Champignon.....	Fungo pratajole.....	
Nasturtium.....	Kupuciner Kresse.....	Capucine.....	Nasturzio.....	
Okra.....	Ocher.....	Gomboud.....	Ibisco.....	Ci Uien.....
Onion.....	Zwiebel.....	Ognon.....	Cipollo.....	Peterselit.....
Parsley.....	Zatersville.....	Persil.....	Prezzemolo.....	Pinksternadel.....
Parsnip.....	Pastinake.....	Panals.....	Pastinaca.....	Erwten.....
Peas.....	Erbsern.....	Pois.....	Pisello.....	Spaansch Ppre.....
Pepper.....	Pfeffer.....	Piment.....	Peperone.....	Radijs.....
Pumpkin.....	Melonen-Kuerbiss.....	Potiron.....	Zucca.....	Rabarber.....
Radish.....	Radies.....	Rsdis.....	Ravanello.....	Rosemarjin.....
Rhubarb.....	Rhabarber.....	Rhubarbe.....	Rabarbaro.....	Wijnaut.....
Rosemary.....	Rosmarin.....	Romarin.....	Rosmorino.....	
Rue.....	Rauté.....	Rue.....		
Saffron.....	Safran.....	Safran.....	Rafferano.....	Salie.....
Sage.....	Sadel.....	Sauge.....	Salva.....	Zuring.....
Salsify.....	Haferwurzel.....	Salifris.....	Barbarli becca.....	Boonenkr uid.....
Sorrel.....	Sauerampfer.....	Oscille.....	Acetosa.....	Spinazie.....
Summer Savory.....	Bohenkraut.....	Sarriette annulle.....	Santoreggia.....	Pompeon.....
Spinach.....	Spinat.....	Epinarde.....	Spinaccio.....	
Squash.....	Kuerbiis.....	Courgei.....	Zucca.....	
Tansy.....	Gemeiner-rainfarn.....	Tanaisle.....	Atansia.....	Tijm.....
Thyme.....	Thymian.....	Thym.....	Timo.....	Tomaat.....
Tomato.....	Liebessapfel.....	Pomme d'Amour.....	Pomo d'oro.....	Rapen.....
Turnip.....	Weisse-Reube.....	Nevet.....	Navone.....	Suikerij.....
Wormwood.....	Wermuth.....	Absinthe.....	Assenzio.....	

### PLANTING CALENDAR

**FEBRUARY**—Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Broccoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

**MARCH**—Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Broccoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Tomato. Plant in Open Ground, Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes, Onion Sets, English Bean.

**APRIL**—Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground, Asparagus, Beets, Broccoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Parsnip, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes. Top Onions

**MAY**—Plant in Open Ground. Asparagus, Beans, Beets, Broccoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

**JUNE**—Plant in Open Ground, Lima Beans, Beets, Broccoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta Baga, Melon, Herbs.

**JULY**—Plant in Open Ground, Beans, Beets, Cauliflower, Carrot, Celery, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Ruta Baga.

**AUGUST**—Plant in Open Ground, Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

**SEPTEMBER**—Plant in Open Ground, Cabbage, Cauliflower and Lettuce for wintering in cold frames. Asparagus, Celery, Kale, Mustard, Winter Radish, Spinach, Turnip.



